

February 12, 2016

Andrew Altevogt
Assistant Executive Officer
Central Valley Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Attn: Charlene Herbst

Email: Charlene.herbst@waterboards.ca.gov

Phone: (916) 464-4724

Subject: Item #2 and Item #3 Response

13267 Order dated January 15, 2016, CMC Land Holdings LLC, 4207 West

Linwood Avenue, Turlock, Stanislaus County, California

Dear Mr. Altevogt:

On behalf of CMC Land Holdings LLC, The Source Group Inc. (SGI) has prepared this Item #2 and Item #3 Response Letter (Letter) for the dairy facility located at 4207 West Linwood Avenue, Turlock, Stanislaus County, California (Site). This letter has been prepared in response to the January 15, 2016 Regional Water Quality Control Board (RWQCB) correspondence entitled California Water Code Section 13264 Order – Directives for Submitting Documentation Pertaining Wastewater Discharge on 20 November 2015 and Mitigation Measures at CMC Landholdings LLC, 4207 W Linwood Avenue, Turlock, Stanislaus County (Order). Specifically this letter is intended to satisfy the following:

- 1) **Item #2 of the Order:** "Submit results of any additional sampling of the wells listed in your 8 December 2015 letter to Andrew Altevogt that has been conducted since 8 December 2015."
- 2) **Item #3 of the Order:** "Submit well driller's logs for the wells listed on your 8 December 2015 letter to Andrew Altevogt."

Item # 2 of the Order

On January 20, 2016, R&J Avila of Hilmar, California collected groundwater samples from domestic wells located at residences bordering West Linwood Avenue between South Washington Road and the area immediately south of the Site as required by the RWQCB Cleanup and Abatement Order (CAO), dated December 2, 2015. Domestic well samples were submitted to GeoAnalytical Laboratories, Inc. of Turlock, CA (Certified California Laboratory) for analysis of nitrate as nitrogen (N), total dissolved solids (TDS), and bacteria (E. coli and total coliform). Samples were collected as close to the wellhead as possible. A list of domestic wells that were sampled is provided in the Table below.

| Well Location | Sample Date | Well Location | Sample Date |
|--------------------|------------------|------------------------------|------------------|
| 4530 W. Linwood | 12/4/15; 1/20/16 | 1600 S. Washington | 12/8/15; 1/20/16 |
| 4406 Linwood House | 12/4/15; 1/20/16 | 4600 W. Linwood | 12/8/15; 1/20/16 |
| 4318 W. Linwood | 12/4/15; 1/20/16 | 4500 W. Linwood | 12/8/15; 1/20/16 |
| 4200 W. Linwood | 12/4/15; 1/20/16 | 4230 W. Linwood | 12/8/15; 1/20/16 |
| 4030 Linwood House | 12/4/15; 1/20/16 | 4207 Linwood (Dairy Well) | 12/4/15; 1/20/16 |
| 1624 S. Washington | 12/8/15; 1/20/16 | | |

Approximate domestic well locations are provided on Figure 1. Laboratory analytical data for each well is summarized in Table 1. Certified laboratory analytical reports are included in Attachment B.

Item #3 of the Order

SGI submitted a request to the Department of Water Resources (DWR) for a copy of well logs within 0.5 mile radius of the Site. This request included the area encompassing the domestic wells listed in the above table. The DWR provided a copy of the requested well logs, but the address associated with each log was redacted and stamped confidential, Water Code Sec. 13752. Based on information provided on the well logs, we were able to eliminate well logs that are not associated with nearby domestic wells. A copy of the well logs provided by the DWR that are likely associated with the nearby domestic wells are provided in Attachment C. A table summarizing the well construction and soil types encountered during drilling activities is provided as Table 2.

During domestic well sampling activities, Rui Avila (R&J Avila Inc.) verbally requested a copy of well logs from the residents of the nearby domestic wells. The residents were unable to produce a copy of the well logs for any of the nearby domestic wells. SGI has contacted the DWR and formally requested a copy of well logs for each address individually in an effort to correlate well logs with specific addresses. Information obtained during the follow-up DWR well survey will be provided to the RWQCB under separate cover.

Certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Mr. Altevogt February 12, 2016 Page 3 of 3

If you have any questions or require additional information, please call the undersigned at (530) 272-4200.

Sincerely,

The Source Group, Inc.

Greg McIver

Principal Scientist

Attachments: Figure 1 – Well Location Map

Table 1 – Groundwater Analytical Results Table 2 – Domestic Well Log Summary

Attachment A – Laboratory Analytical Reports

Attachment B – Well Logs

FIGURE





0 200 400
APPROXIMATE SCALE IN FEET

LEGEND

- A 4207 W. Linwood Avenue, Turlock, California
- **B** 4030 W. Linwood Avenue, Turlock, California
- C 4200 W. Linwood Avenue, Turlock, California
- **D** 4230 W. Linwood Avenue, Turlock, California
- 4318 W. Linwood Avenue, Turlock, California
- **F** 4406 and 4408 W. Linwood Avenue, Turlock, California

- **G** 4500 W. Linwood Avenue, Turlock, California
- H 4530 W. Linwood Avenue, Turlock, California
- I 4600 W. Linwood Avenue, Turlock, California
- J 1600 S. Washington Road, Turlock, California
- K 1624 S. Washington Road, Turlock, California



WELL LOCATION MAP

SOUTH WASHINGTON ROAD AND WEST LINWOOD AVENUE TURLOCK, CALIFORNIA

| PROJECT NO.: | DATE: | DRAWN BY: | APP. BY: | FIGURE |
|--------------|------------|-----------|----------|--------|
| 06-CMC-001 | 02/12/2016 | СМ | GM | 1 |

TABLES

Table 1 Groundwater Analytical Results CMC Landholdings, LLC Turlock, California

| Sample Address | Sample Date | Depth to Water (btoc) | Nitrate as N (mg/L) | Total Dissolved Solids (mg/L) | Total Coliform (MPN) | E. Coli (MPN) |
|--------------------------------------|-------------|--------------------------|------------------------|--|----------------------------|------------------|
| Dairy Well 4207 West Linwood Avenue | 12/04/15 | 43.35 | 1.39 | 131 | Absent | Absent |
| Daily Well 4207 West Lillwood Avenue | 01/20/16 | 43.35 | 1.4 | 192 | Absent | Absent |
| 4530 West Linwood Avenue | 12/04/15 | Not Accessible | 14.5 | 707 | Absent | Absent |
| 4550 West Lillwood Aveilde | 01/20/16 | Not Accessible | 18.0 | 726 | Absent | Absent |
| 4406 West Linwood Avenue - House | 12/04/15 | 14.35 | 14.4 | 903 | Absent | Absent |
| 4400 West Lillwood Aveilde - Flouse | 01/20/16 | 14.35 | 17.3 | 936 | Absent | Absent |
| 4318 West Linwood Avenue | 12/04/15 | Not Accessible | 22 | 1,300 | Absent | Absent |
| 4316 West Lillwood Avenue | 01/20/16 | Not Accessible | 21 | 1,210 | Absent | Absent |
| 4200 West Linwood Avenue | 12/04/15 | Not Accessible | 19.3 | 2,370 | Absent | Absent |
| 4200 West Lillwood Aveilde | 01/20/16 | Not Accessible | 22.3 | 841 | Absent | Absent |
| 4030 West Linwood Avenue - House | 12/04/15 | 13.71 | 24.6 | 756 | Present | Absent |
| 4030 West Lillwood Aveilue - House | 01/20/16 | 13.71 | 26.9 | 892 | Absent | Absent |
| 1624 South Washington Road | 12/08/15 | 16.54 | 22.6 | 894 | Absent | Absent |
| 1024 South Washington Road | 01/20/16 | 16.54 | 24.9 | 845 | Absent | Absent |
| 1000 Couth Westington Dood | 12/08/15 | Not Accessible | 4.25 | 302 | Absent | Absent |
| 1600 South Washington Road | 01/20/16 | Not Accessible | 3.47 | 312 | Absent | Absent |
| 4600 West Linwood Avenue | 12/08/15 | Not Accessible | 12.6 | 592 | Absent | Absent |
| 4600 West Lillwood Avenue | 01/20/16 | Not Accessible | 11.5 | 642 | Absent | Absent |
| 4500 West Linwood Avenue | 12/08/15 | Not Accessible | 0.84 | 124 | Present | Absent |
| 4500 West Lillwood Avelue | 01/20/16 | Not Accessible | 2.02 | 290 | Absent | Absent |
| 4230 West Linwood Avenue | 12/08/15 | Not Accessible | 14.2 | 825 | Present | Absent |
| 4230 West Lillwood Avenue | 01/20/16 | Not Accessible | 15.3 | 911 | Absent | Absent |

Notes:

Notes:
Detections above secondary MCL for TDS (>500 mg/L)
Detections above MCL for Nitrate (>10 mg/L)
btoc = below top of casing
N = nitrogen
mg/L = milligrams per liter
MPN = most probable number

Table 2 Domestic Well Log Summary CMC Landholdings, LLC

4207 W Linwood Ave, Turlock, CA

| Address | Туре | Sanitary Seal | Drilling Log | Screened Interval | Total Depth | Date Installed |
|-------------------------------|------------|------------------------------------|--|----------------------|----------------|-------------------|
| 4406 Linwood Ave (5S/10E-20) | Domestic | Unknown | 80-90 | 91 | 9/16/70 | |
| 207 W Linwood Ave (05S/10E-20 | Dairy Well | Yes, bentonite seal to 53' bgs | 0-35 sand, 35-40 clay, 40-50 sand, 50-69 clay, 69- 71 sand, 71-83 clay, 83-86 sand, 86-119 clay, 119- 126 fine sand, 126-130 clay, 130-134 fine sand, 134-158 clay, 158-214 blue clay, 214-229 clay, 229-233 sand, 233-245 clay, 245-250 sand, 250- 260 clay | 225-255 | 260 | 4/9/04 |
| 1400 W Linwood Ave (5S/10E-20 | Domestic | Unknown | 0-5 top soil, 5-7 hard pan, 7-12 clay, 12-28 sand, 28-52 clay, 52-58 sand, 58-60 clay | 50-60 | 60 | 9/17/70 |
| Unknown Locations | Туре | Sanitary Seal | Drilling Log | Screened Interval | Total Depth | Date Installed |
| 218539 (5S/10E-20) | Domestic | Yes, bentonite seal to 24' bgs | 0-3 top soil, 3-9 sand, 9-13 clay, 13-21 sand, 21-26 clay, 26-51 sand with clay streaks, 51-67 clay, 67-77 sand, 77-100 pink clay and shale with sand streaks, 100-104 sand, 104-147 clay, 147-205 blue clay, 205-208 fine sand, 208-215 blue clay, 215-225 clay and brown shale, 225-234 brown coarse sand, 234-240 clay, 240-247 coarse brown sand, 247-250 clay, 250-259 coarse brown sand, 259-269 clay, 269-272 sand, 272-280 clay. | 245-265 | 280 | 11/6/95 |
| 218542 (5/10-20) | Domestic | Yes, bentonite seal to 150' bgs | 02 top soil, 2-10 sand, 10-12 clay, 12-17 sand, 17- 25 clay, 25-40 sand, 40-45 clay, 45-60 sand, 60-90 clay, 90-95 sand, 95-98 clay, 98-102 sand, 102- 130 clay, 130-140 fine sand, 140-198 blue clay and fine sand streaks, 198-210 clay and sand streaks, 210-220 sand, 220-222 clay | 200-220 | 222 | 5/1/87 |
| 218544 (5S/10E-20) | Domestic | Yes, bentonite seal to 60' bgs | 0-22 sand, 22-30 clay, 30-40 sand, 40-90 clay, 90- 95 red sand, 95-120 clay, 120-130 fine sand, 130- 154 clay, 154-165 blue sand, 165-210 blue clay, 210-232 gray clay, 232-245 sand, 245-250 clay | 225-245 | 250 | 5/24/88 |

Table 2 Domestic Well Log Summary CMC Landholdings, LLC

4207 W Linwood Ave, Turlock, CA

| Unknown Locations | Type Sanitary Seal Drilling Log | | | | Total Depth | Date Installed |
|-------------------------|---------------------------------|---------|---|---------|----------------|---------------------|
| 0901101717 (05S/10E-29) | Unknown | Unknown | Unknown | Unknown | Unknown | 8/7/09 |
| 40281496 (5/10-20 A1) | Drainage Well | Unknown | Drilling Log is not legible | Unknown | 250 | 3/1/35 |
| 40281695 (5S/10E-29 A1) | Drainage Well | Unknown | 0-15 top soil and clay, 15-40 sand, 40-70 clay, 70 and below is sand | Unknown | 70 | 8/25/22 |
| 40281696 (5S-10E-29R1) | Drainage Well | Unknown | 0-6 soil, 6-12 hard pan, 12-20 muddy sand, 20-35 soft clay, 35-94 clay, 94-104 sand, 104-130 sand and clay, 130-160 clay, 160-170 sand, 170-215 blue clay, 215-225 clay, 225-227 sand, 227-245 clay, 245-255 sand | Unknown | 255 | March/April 1939 |

Notes:

bgs = below ground surface

ATTACHMENT A LABORATORY ANALYTICAL REPORTS

email: info@geoanalyticallab.com

Report # C6A2010

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 1600 S Washington

| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| C6A2010-01 | 1/20/2016 11:05 | 0.40 | 300.0 | Nitrate as N | 3.47 | mg/L | | 01/20/16 14:57 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 312 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 16:35 |
| | | NA | | Total Coliform | Absent | NA | | n |

Kanti Gandhi Chemist

Laboratory Director

Report # C6A2010

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | D - 1 | Reporting | **. ** | Spike | Source | | %REC | RPD | RPD Limit | Notes |
|---------------------------------|--------|-------------|---------------|------------|--------|-----------|--------|------|--------------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | KPD | ւտու | Notes |
| Batch C000194 - NO PREP | | P | repared | : 01/19/16 | Analyz | ed: 01/22 | 2/16 | | | · |
| Blank (C000194-BLK1) | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000194-BS1) | | | | | | | | | | |
| Nitrate as N | 2.02 | 0.40 | mg/L | 2.258 | | 89 | 85-115 | | | |
| LCS Dup (C000194-BSD1) | | | | | | | | | | |
| Nitrate as N | 2.00 | 0.40 | mg/L | 2.258 | | 88 | 85-115 | 0.9 | 20 | |
| Matrix Spike (C000194-MS1) | Sou | rce: C6A19(| 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | | | |
| Matrix Spike Dup (C000194-MSD1) | Sour | rce: C6A19(| 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | 0.03 | 20 | |
| Batch C000223 - NO PREP | | P | repared | : 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000223-BLK1) | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | | | | | |
| Duplicate (C000223-DUP1) | Sou | rce: C6A191 | l 4-01 | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |

Report # C6A2010

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------|----------|----------------|------------------|-----------|----------------|-----|--------------|-------|
| Batch C000212 - BIO | | P | repared: | 01/20/16 | Analyz | ed: 01/21 | /16 | | | |
| Blank (C000212-BLK1) | | | | | | | | | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | " | | | | | | | |
| Duplicate (C000212-DUP1) | Sou | rce: C6A201 | 16-05 | | | | | | | |
| E. Coli | Absent | | NA | | 0.0 | | | | 0 | |
| Total Coliform | Absent | | ** | | 0.0 | | | | 0 | |

email: info@geoanalyticallab.com

Report # C6A2010

Project: Linwood Discharge

Date: 01/25/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

Date Rec'd: 01/20/16

Notes and Definitions

Α Absent

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RL Reporting Limit

NA Not Applicable



GeoAnalytical Laboratories, Inc.

2300 Maryann Dr Turlock, CA 95380 Phone: (209) 669 0100 Fax: (209) 593 2212

| Lab Report #_ Regulatory | | □Yes | □ No | |
|--------------------------|----------|------|------|--|
| Regulator: | | | | |
| Phone: (209) | 669-7919 | | | |
| Fax: (209) | 250-1919 | | | |

| | | | | | | | | | | A REC | PRIC 0 | (| , _ | | | | | | |
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| lient: R | & J Avila, In | ıc. | | | | CHAIN O | | | | Fax | | | 9) 3 | | | | ilo co | uno. | |
| | 3119 Ellingto | | | | | □ EDF | | EDT | | | | al To | | frontde | esk@ra | andjav | iia.cc | OIT1 | |
| City Hilm | | | | | Zip _95324 | ☐ FIELI | LOG | S | | C.C | C To | : | - | | | | | | |
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| | 11:05 An | 1 | | 7,7 | 1600 S. Washington | | | 100ml | 1 | + | - | 1 | 1 | + | + | H | \dashv | | - |
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| Relinquis | hed by (Signatur | re) | | | | Date | Time | Receive | d by (| Signa | (une) | \supset | | | | | | Date | Time |
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| Thermannumd | Time DStander | d DSilve | er Rush | Gold Rush | Platinum Rush Other | | | | | - J - | | | | | | | | | |

Report # C6A2011

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 1624 S. Washington

| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| C6A2011-01 | 1/20/2016 11:30 | 0.40 | 300.0 | Nitrate as N | 24.9 | mg/L | | 01/20/16 14:57 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 845 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 16:35 |
| | | NA | | Total Coliform | Absent | NA | | ** |

Kanti Gandhi Chemist

Donna Keller Laboratory Director

email: info@geoanalyticallab.com

Report # C6A2011

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------|--------|------------|---------|------------|--------|---------------|--------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000194 - NO PREP | | P | repared | : 01/19/16 | Analyz | ed: 01/2 | 2/16 | | | |
| Blank (C000194-BLK1) | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000194-BS1) | | | | | | | | | | |
| Nitrate as N | 2.02 | 0.40 | mg/L | 2.258 | | 89 | 85-115 | | | |
| LCS Dup (C000194-BSD1) | | | | | | | | | | |
| Nitrate as N | 2.00 | 0.40 | mg/L | 2.258 | | 88 | 85-115 | 0.9 | 20 | |
| Matrix Spike (C000194-MS1) | Sour | rce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | | | |
| Matrix Spike Dup (C000194-MSD1) | Sour | ce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | 0.03 | 20 | |
| Batch C000223 - NO PREP | | P | repared | : 01/21/16 | Analyz | ed: 01/2 | 2/16 | | | |
| Blank (C000223-BLK1) | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | - | | | | |
| Duplicate (C000223-DUP1) | Sour | ce: C6A19 | 14-01 | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |
| | | | | | | | | | | |

Report # C6A2011

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------|---------|----------------|------------------|----------|----------------|-----|--------------|-------|
| Batch C000213 - BIO | | P | repared | 01/20/16 | Analyz | ed: 01/2 | 1/16 | | | - |
| Blank (C000213-BLK1) | ···· | | | | | | | | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | H | | | | | | | |
| Duplicate (C000213-DUP1) | Sour | rce: C6A20 | 16-04 | | | | | | | |
| E. Coli | Absent | | NA | | 0.0 | | | | 0 | |
| Total Coliform | Absent | | u | | 0.0 | | | | 0 | |

email: info@geoanalyticallab.com

Report # C6A2011

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Notes and Definitions

A Absent

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RL Reporting Limit

NA Not Applicable



Client: R & J Avila, Inc.

Address: 8119 Ellington Ave

GeoAnalytical Laboratories, Inc

2300 Maryann Dr Phone: (209) 669 010 Turlock, CA 95380 (209) 593 221 Fax:

| Phone: Fax: CHAIN OF | (209) ((209) (F CUS | 669 0100 593 2212 STODY LEDT | = | Reg Pho Faz Ori | gula gulat one: k: | tory tor: (20 (20 al To | | 669 250 | □ N 9-791)-191 | 19 | CC: | | | □ No | |
|--|-----------------------------|---------------------------------------|-------------------|--------------------------|-----------------------------|---------------------------|----------------------|------------|-----------------------|----|-----|------------|-----|-------|----------------|
| | Туре | tainer Size | No. Of Containers | Nitrate as N | TDS | E. Coli (P/A) | Total Coliform (P/A) | | | | | | Lab | Use O | Preservative 4 |
| | | 1L 100ml | 1 | 1 | 1 | 1 | 1 | | | | | \nearrow | | 01 | |
| | 7.6.76 % | 7001111 | Ė | | | Ė | Ė | | | | | | | | |
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| City Hilms | ar | | | | Zip <u>95324</u> | | - FIEI | D LOG | S | | C.C | C To | : | | | | | | | |
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| Project I | D Linwood | Disch | arge | | | | | | | 2 | | | | (A) | | | | | Lab Use | Only |
| Sampl | led By | | Name) | Rui A | vila | | | | | Of Containers | | | ~ | rm (P | | | | | | tive |
| | | (Signa | iture) ' | £- | Cile | | | Con | tainer | Of Co | as N | | i (P/A | Colifo | | | | | | Preservative |
| Date | Time | Samp Grab | le type Comp | Matrix | | Sample I | ID | Туре | Size | No. | Nitrate | TDS | E. Coli (P/A) | Total Coliform (P/A) | | | | | Lab ID# | Pres |
| 1-20-16 | 11:30km | 1 | | | 1624 S. Wasl | | | | | 1 | 1 | 1 | | | | | | \supset | -01 | |
| 1.20-16 | 11:30 m | 1 | | | 1624 S. Wasl | nington | | | 100ml | 1 | _ | | 1 | 1 | + | - | | | | |
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| Relinquis | ed by (Signature | 1)// | | | | | Date 1/20/16 | Time | Received | by ys | ignatu | ire) | - | | | | | | Date 1-20-16 | Time 13:57 |
| | ed by (Signature | LL_ | | | | | 1/20/16 Date | 1:58 Time | Received | _ | _ | _ | \times | | | | | | Date | Time |
| | | | | | | | | | | | | <u></u> | $\underline{\underline{}}$ | | | | | | | |
| 1 400 | HCL 3-N | Pres IaOH | Na ₂ S | : S ₂ O ₃ 5 | -HNO ₃ 6-H | SO4 7-Othe | er | DW Dri | nking Wate | er W | WV | Vaste | e Wat | er (1 | atrix NW I | Hazaro | lous \ | Waste | (Water) S | oil/Solid |
| Bailers | 55 (| Gallon D | rums | | | | | | | | | | Pum | p Truci | | Time | | | Mileage | |
| | | | | | - | lou | | | Appro | ved I | Ву: _ | | | | | | | | | |
| Ternaround T | me LI Standard | LISHver | Kush [[C | -old ičush | Platinum Rush | JOHNET | | | | | | | | | | | | | | |

email: info@geoanalyticallab.com

Report # C6A2008

Project: Linwood Discharge

Date: 01/25/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

Date Rec'd: 01/20/16

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 4030 Linwood House

| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| C6A2008-01 | 1/20/2016 10:00 | 2.00 | 300.0 | Nitrate as N | 26.9 | mg/L | | 01/20/16 14:57 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 892 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 16:35 |
| | | NA | . • | Total Coliform | Absent | NA | | н |

Kanti Gandhi Chemist

the Sand

Donna Keller Laboratory Director

email: info@geoanalyticallab.com

Report # C6A2008

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------|--------|--|---------|------------|--------|-----------|--------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000194 - NO PREP | | P | repared | : 01/19/16 | Analyz | ed: 01/2 | 2/16 | | | |
| Blank (C000194-BLK1) | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000194-BS1) | | | | | | | | | | |
| Nitrate as N | 2.02 | 0.40 | mg/L | 2.258 | | 89 | 85-115 | | | |
| LCS Dup (C000194-BSD1) | | | | | | | | | | |
| Nitrate as N | 2.00 | 0.40 | mg/L | 2.258 | | 88 | 85-115 | 0.9 | 20 | |
| Matrix Spike (C000194-MS1) | Sour | ce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | | | |
| Matrix Spike Dup (C000194-MSD1) | Sour | ce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | 0.03 | 20 | |
| Batch C000223 - NO PREP | | P | repared | 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | _ |
| Blank (C000223-BLK1) | | <u>. </u> | _ | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | | | | | |
| Duplicate (C000223-DUP1) | Sour | ce: C6A191 | 14-01 | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |

Report # C6A2008

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|--------------------------|--------|------------|---------------|----------|--------|-----------|--------|-----|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000212 - BIO | | P | repared: | 01/20/16 | Analyz | ed: 01/21 | 1/16 | | | |
| Blank (C000212-BLK1) | | | · · · · · · · | | | | | | | |
| E. Coli | Absent | | NA | | | | | | - | |
| Total Coliform | Absent | | 11 | | | | | | | |
| Duplicate (C000212-DUP1) | Sou | rce: C6A20 | 16-05 | | | | | | | |
| E. Coli | Absent | | NA | | 0.0 | | | | 0 | |
| Total Coliform | Absent | | н | | 0.0 | | | | 0 | |

Report # C6A2008

Project: Linwood Discharge

Date: 01/25/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

Date Rec'd: 01/20/16

Notes and Definitions

Α Absent

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RLReporting Limit

Not Applicable NA



GeoAnalytical Laboratories, Inc.

2300 Maryann Dr Pho Turlock, CA 95380 Fax

Phone: (209) 669 0100 Fax: (209) 593 2212

| Lab Report # Regulatory DY | | | □Yes | □ No |
|-------------------------------|------------|---------|----------|------|
| Regulator: | - | | | |
| Phone: (209) | 669-7919 | | | |
| Fax: (209) | 250-1919 | | | |
| Onininal Tos | frontdesk@ | Drandia | vila.com | |

| | | | | | | | | | | | | | riid | me: | (20 | ٠, . | 000 / | 0.0 | | | | |
|------------|----------------|-------------|------------------|------------|--------|--------------|------------------|-------------|-------|--------------|-------------|---------------|---------|-------|------------|----------------------|--------------|----------|----------|-----------|-----------------|---------------|
| lient: R | & J Avila, Ir | IC. | | | | | | CHA | IN OF | | TODY | 7 | Fax | | | | 250-1 | | | | | |
| | 119 Ellingt | | | | | | | | EDF | | EDT | | Ori | igina | al To | : | frontd | esk@r | andjavil | a.co | m | |
| City Hilma | | | | | Zip _9 | 95324 | | | FIELD | LOG | S | | C.C | СТо | : | | | | | | | |
| • | D Linwood | | | | | | | | | | | 2 | | | | <u>{</u> | | | | L | Lab Use O | nly |
| | | | Name) | Rui A | vila | | | | | | | taine | | | | п Б | | | | | | live |
| Sampl | led By | (Signa | ture) < | | Q: | 0 | | | | Con | tainer | Of Containers | as N | | (P/A) | olifor | | | | | | rva |
| | | Samp | le type | 1 | | | ample l | m . | | | | No. O | Nitrate | S | Coli (P/A) | Total Coliform (P/A) | | | | | Lab ID# | Preservative |
| Date | Time | Grab | Comp | | | | | | | Туре | Size | - | | TDS | ш | 2 | + | - | H | + | =01 | - |
| 1-20-16 | | 1 | 1 | | 4030 L | inwood Ho | ouse | | | | 1L 100ml | 1 | 1 | 1 | 1 | 1 | + | + | 1 | 7 | -01 (D)-02 | , |
| 1-20-16 | 10:00 Am | 1 | - | 李 | 4030 L | inwood Ho | ouse | | | 840,850 | 1001111 | ╫ | | | · | | | | | | | |
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| | | - | - | - | - | | | | | - | | + | + | + | + | \vdash | - | _ | ++ | 1 | | |
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| Relinquish | ed by (Signatu | re) / | | | | | | /Da | / | Time | Receive | by (| Signat | ure | 7, | / | | | | | Date 1-20-16 | Time 13:58 |
| 1 | - Cin | h | | | | | | 1/20/ Da | | 1:58 Time | Receive | | | | \times | | | | | + | Date | Time |
| Relinquist | ed by (Signatu | re) | | | | | | | | | | | | 7 | |) | | | | | | |
| 400 | 2 HCL 3 | Pre NaOH | servativ 4 Na | e: S.O. | -HNO | 6-HS | 0, 7 -oth | ner | D | W Dri | nking Wa | ter (| ww | Wast | e Wa | ter G | Matrix WW | Hazar | dous W | aste | (Water) SS | oil/Soli |
| 0.70 | 3.1020 | | | -2-3 | | 2 | 4 | | | | | | | | | ip Truc | | Time | | | Mileage | |
| Bailers | 55 | Gallon I | Drums_ | | | | | | | | | | D | | | | | | | | 1 | |
| | Terandor | и Пени | - Purh F | Cold Rush | Platin | ım Rush TOth | ser | | | | Appr | oved | By: | | | | | | | | | |

GeoAnalytical Laboratories, Inc.

2300 Maryann Dr. Turlock, CA 95380

Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2020

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 4200 W Linwood

| Sumple 12. | | | | | | | | |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
| C6A2020-01 | 1/20/2016 15:55 | 0.40 | 300.0 | Nitrate as N | . 22.3 | mg/L | | 01/21/16 07:16 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 841 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 17:15 |
| | | NA | | Total Coliform | Absent | NA | | и |

Kanti Gandhi Chemist

nti Dan Di

Laboratory Director

Report # C6A2020

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------|--------|------------|---------|------------|--------|------------|--------|-----|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000208 - NO PREP | | P | repared | : 01/21/16 | Analyz | zed: 01/2: | 2/16 | | | |
| Blank (C000208-BLK1) | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000208-BS1) | | | | | | | | | | |
| Nitrate as N | 1.93 | 0.40 | mg/L | 2.258 | | 86 | 85-115 | | | |
| LCS Dup (C000208-BSD1) | | | | | | | | | | |
| Nitrate as N | 1.94 | 0.40 | mg/L | 2.258 | | 86 | 85-115 | 0.2 | 20 | |
| Matrix Spike (C000208-MS1) | Sou | rce: C6A20 | 19-01 | | | | | | | |
| Nitrate as N | 25.6 | 0.40 | mg/L | 2.258 | 21.4 | 186 | 85-115 | | | QM-02 |
| Matrix Spike Dup (C000208-MSD1) | Sou | rce: C6A20 | 19-01 | | | | | | | |
| Nitrate as N | 25.6 | 0.40 | mg/L | 2.258 | 21.4 | 187 | 85-115 | 1.0 | 20 | QM-02 |
| Batch C000223 - NO PREP | | P | repared | : 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000223-BLK1) | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | | | | | |
| Duplicate (C000223-DUP1) | Sou | rce: C6A19 | 14-01 | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |

Report # C6A2020

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------|--------|--------------------|----------|----------------|------------------|-----------|----------------|-----|--------------|-------|
| Batch C000215 - BIO | | P | repared: | 01/02/16 | Analyz | ed: 01/21 | 1/16 | | | |
| Blank (C000215-BLK1) | | | | | | | | | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | # | | | | | | | |

2300 Maryann Dr. Turlock, CA 95380

Report # C6A2020

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Notes and Definitions

QM-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte

inherent in the sample.

Α Absent

NA

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RLReporting Limit

Not Applicable



GeoAnalytical Laboratories, Inc.

2300 Maryann Dr Phone: (209) 669 0100 Turlock, CA 95380 Fax: (209) 593 2212

| Lab Report # _ | CLA2 | 020 | | |
|----------------|------------|----------|---------|------|
| Regulatory 🔲 | Yes No | CC: | □Yes | □ No |
| Regulator: | | · | | |
| Phone: (209) | 669-7919 | | | |
| Fax: (209) | 250-1919 | | | |
| Original To: | frontdesk@ |)randjav | ila.com | |
| C.C To: | | | | |

| Client: R | & J Avila, I | nc. | | | | CHAIN O | F CU | STODY | 7 | Fa | x: | (20 | 09) | 250-1 | 1919 | | | | |
|--------------|--|--------------|--------------------------------|-------------------------------|------------------------------------|-------------|--------|--------------|--|----------|--|----------|-------------|---------------|--------|--------------|-----------|--------------|-------------------|
| Address:_ | 8119 Ellingt | on Ave | <u> </u> | | · | □ EDF | 1 | J EDT | | Or | igin | al To |) : | fronto | lesk@ | randja | avila. | com | |
| City Hilm | nar | | | | Zip <u>95324</u> | □ FIEL | D LOG | S | | C. | C To | : | | | | | | | |
| Project | ID Linwood | | | | | | | | 2 | | | | (P/A) | | | | | Lab Use | Only |
| Samp | led By | L | Name) | Rui A | vila | |] | | ntaine | _ | | <u></u> | rm (P/ | į | | | | | ive |
| | - | (Signa | ature) | X. | -al | | Cor | tainer | Con | as N | | (P/A) | Coliform | | | | | | Z A |
| Date | Time | Samp | le type | Matrix | Sample I | D | Туре | Size | ş | Nitrate | TDS | S | tal | | | | | Lab ID # | # Preservative |
| 1-20-16 | 3:55m | Urab | Comp | Maurix | 4200 W. Linwood | | Type | 1L | +- | Z | 1 | ш | - | | + | | \bigvee | -01 | +- |
| | 3:55 m | 7 | | 1.544.44 | 4200 W. Linwood | | | 100ml | 1 | <u> </u> | | 1 | 1 | | +- | | 7 | 01 | |
| 1 20 10 | 0.00 | <u> </u> | † | | | | | | ╫ | - | | <u> </u> | | _ | +- | | | | |
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| Palis Aich | d har Norman | | | | | Date, | Time | Received | 7/0 | | | <u> </u> | | | | | | | |
| | d by (Signatury | , | | | | | 4:2Z | Received | oy (SI | Z | 是一 | | ノ | | | | 1 | Date 1-20-/6 | Time 16:22 |
| Relinquish | ed by (Signature |) | | | | Date | Time | Received | by (Si | gnatu | | | | | | | 1 | Date | Time |
| 1 4°C | HCL 3-N | Pres aOH | ervative: Na ₂ S | ₂ O ₃ 5 | HNO ₃ 6 H S O 4 7 Other | r0 | Ø Drin | king Wate | r W | Ø w | aste | Wate | M. | atrix VW H | lazard | ous W | /aste | (Water) S | Soil/Solid |
| Bailers | 55 G | allon Dr | wms | | | | | | | | | | Truck | Т | ime | | | Mileage | |
| Turnary 7 | | Dsaw-1 | Rush Do | old Rust | ☐Platinum Rush ☐ Other | | | Approv | ed B | y: _ | | | | | | | | | |
| | | 7-7-7-7 | | | | | | | | | | | | | | | | | |

email: info@geoanalyticallab.com

Report # C6A2009

Project: Linwood Discharge

Date: 01/25/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

Date Rec'd: 01/20/16

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: Dairy Well 4207 Linwood

| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| C6A2009-01 | 1/20/2016 11:50 | 0.40 | 300.0 | Nitrate as N | 1.38 | mg/L | | 01/20/16 14:57 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 192 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 16:35 |
| | | NA | | Total Coliform | Absent | NA | | " |

Kanti Gandhi Chemist

Laboratory Director

Report # C6A2009

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | Reporting | | | Spike | Source | | %REC | | RPD | | |
|---------------------------------|-----------|------------|---------|------------|--------|-----------|--------|------|-------|---------------------------------------|--|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes | |
| Batch C000194 - NO PREP | | P | repared | : 01/19/16 | Analyz | ed: 01/22 | 2/16 | | | | |
| Blank (C000194-BLK1) | | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | | |
| LCS (C000194-BS1) | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | |
| Nitrate as N | 2.02 | 0.40 | mg/L | 2.258 | | 89 | 85-115 | | | | |
| LCS Dup (C000194-BSD1) | | | | | | | | | | | |
| Nitrate as N | 2.00 | 0.40 | mg/L | 2.258 | | 88 | 85-115 | 0.9 | 20 | | |
| Matrix Spike (C000194-MS1) | Sou | rce: C6A19 | 05-02 | | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | | | | |
| Matrix Spike Dup (C000194-MSD1) | Sou | rce: C6A19 | 05-02 | | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | 0.03 | 20 | | |
| Batch C000223 - NO PREP | | P | repared | : 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | | |
| Blank (C000223-BLK1) | | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | · · | | | | | | | |
| Duplicate (C000223-DUP1) | Sou | rce: C6A19 | 14-01 | | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | | |

Report # C6A2009

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------|---------|----------------|------------------|----------|----------------|-----|--------------|-------|
| Batch C000212 - BIO | | P | repared | 01/20/16 | Analyz | ed: 01/2 | 1/16 | | | |
| Blank (C000212-BLK1) | | | | | | | | | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | 11 | | | | | | | |
| Duplicate (C000212-DUP1) | Sou | rce: C6A20 | 16-05 | | | | | | | |
| E. Coli | Absent | | NA | | 0.0 | | | | 0 | |
| Total Coliform | Absent | | ** | | 0.0 | | | | 0 | |

email: info@geoanalyticallab.com

Report # C6A2009

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Notes and Definitions

Α Absent

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RLReporting Limit

Not Applicable NA



GeoAnalytical Laboratories, Inc.

2300 Maryann Dr Turlock, CA 95380 Phone: (209) 669 0100 Fax: (209) 593 2212

| Lab Report # CLA 20 | 09 | | |
|-----------------------|----|-----|------|
| Regulatory Yes No | | Yes | □ No |
| Regulator: | | | |
| Phone: (209) 669-7919 | | | |

| | | | | | | | | | | FIR | one. | (20 | ۷, _ | 300 . | | | | | |
|--------------|------------------|--------------|--------------------|---------------------|--|---------|-----------|----------|------------|---------|----------|------------|----------------|-------|-------|----------|-----------------|--------------|------------|
| Client: R | & J Avila, In | c. | | | | CHAIN O | F CUS | TODY | , | Fa | K: | (20 | 9) 2 | | | | | | |
| | 119 Ellingto | | | | | □ EDF | | EDT | | Or | igin | al To | : 1 | rontd | esk@r | andja | vila.co | om | ****** |
| City Hilma | | | | | Zip <u>95324</u> | - FIEL | D LOG | S | | C.C | СТо | : | | | | | | | |
| | D Linwood | | | | | | T | | 8 | | | | 3 | | | | | Lab Use (| Only |
| rioject ii | | (Print | | D : 4 | | | | | ainer | | | | (P) | | | | | | ve |
| Sampl | ed By | (Signa | ture) | Rui A | | | Con | tainer | Containers | as N | | € (¥) | Coliform (P/A) | | | | Date 1-20-16 13 | Preservative | |
| | | | | K | = Qil | | 1002 | | No. Of | ate a | | Coli (P/A) | 8 | | | | | Lab ID# | esei |
| Date | Time | Grab | Comp | Matrix | Sample I | D | Туре | Size | Ż | Nitrate | TDS | я О | Total | | | | | | P |
| 1-20-16 | 11:50 Ac | 1 | Comp | | Dairy Well 4207 Linwood | | 12X | | 1 | 1 | 1 | | | 1 | | | \Rightarrow | -0 | \Box |
| | 11:50 AM | - | | 1 | Dairy Well 4207 Linwood | | | 100ml | 1 | - | - | 1 | 1 | + | + | \vdash | 4 | | _ |
| | · | | | | | | | | + | + | \vdash | | | + | + | \vdash | | | 1 |
| | | | - | - | | | | | + | | | | | + | | | | | |
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| | | | | | | | | | | | | > | \supset | | | | | Dota | Time |
| Relinquish | ed by (Signature | e) / | | | | 1/20/16 | Time 1:58 | Receive | d by | Signa | rine) | | | | | | | 1 | 13:58 |
| Relinquish | ed by (Signatur | <u>e)</u> | | | | Date | Time | Receive | d by (| Signa | ure | _ | | | | | | | Time |
| Retinquion | | | | | | | | | | 5 | | _ر | 8.4 | atrix | | | | | |
| 400 | HCL 3H | Pre. NaOH | servativi 4 Na. | 9: S,O, (| 5-HNO ₃ 6-H SO ₄ 7-Oth | ner | DW Dri | nking Wa | ter (| NW | Was | te Wa | ter (1 | NW | Hazar | dous ' | Waste | (Water) S | Soil/Solid |
| | | | 2 | 2 3 | , , , , , , | | | | | | | | p Trucl | | Time | | | | |
| Bailers | 55 | Gallon I | Drums _ | | | | | | - | D. | | | | | | | | 1 | |
| Turnaround 1 | Inne Standard | 1 Silve | r Rush | Gold Rush | Platinum Rush Other | | | Appro | oved | ву: | | | | | | | | | |

email: info@geoanalyticallab.com

Report # C6A2013

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 4230 W Linwood

| oumpie is. | 1250 W Dailwood | | | | | | | |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
| C6A2013-01 | 1/20/2016 12:25 | 0.40 | 300.0 | Nitrate as N | 15.3 | mg/L | | 01/20/16 14:57 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 911 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 16:35 |
| | | NA | | Total Coliform | Absent | NA | | u |

Kanti Gandhi Chemist

Li Sand

Laboratory Director

Report # C6A2013

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------|--------|------------|---------|------------|--------|-----------|--------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000194 - NO PREP | | P | repared | : 01/19/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000194-BLK1) | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000194-BS1) | | | | | | | | | | |
| Nitrate as N | 2.02 | 0.40 | mg/L | 2.258 | | 89 | 85-115 | | | |
| LCS Dup (C000194-BSD1) | | | | | | | | | | |
| Nitrate as N | 2.00 | 0.40 | mg/L | 2.258 | | 88 | 85-115 | 0.9 | 20 | |
| Matrix Spike (C000194-MS1) | Sour | rce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | | | |
| Matrix Spike Dup (C000194-MSD1) | Sour | rce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | 0.03 | 20 | |
| Batch C000223 - NO PREP | | P | repared | : 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000223-BLK1) | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | | | | | _ |
| Duplicate (C000223-DUP1) | Sour | ce: C6A19 | 14-01 | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |
| | | | | | | | | | | |

Report # C6A2013

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|--------------------------|--------|------------|----------|----------|--------|----------|--------|-----|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000213 - BIO | | P | repared: | 01/20/16 | Analyz | ed: 01/2 | 1/16 | | | |
| Blank (C000213-BLK1) | | | | | | | | | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | ** | | | | | | | |
| Duplicate (C000213-DUP1) | Sou | rce: C6A20 | 16-04 | | | | | | | |
| E. Coli | Absent | | NA | | 0.0 | | | | 0 | |
| Total Coliform | Absent | | ** | | 0.0 | | | | 0 | |

Report # C6A2013

Project: Linwood Discharge

Date: 01/25/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

Date Rec'd: 01/20/16

Notes and Definitions

Α Absent

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RL Reporting Limit

NA Not Applicable



GeoAnalytical Laboratories, Inc.

2300 Maryann Dr Turlock, CA 95380 Phone: (209) 669 0100

| | | | 7 | Furloci | k, CA 95380 | Fax: | (209) | 593 2212 | | IV. | guia | LUI. | | | | | | | |
|------------|---------------------|--------------|---------|---------------------|---------------------|-----------|--------|-----------|---------------|--------------|----------|------------|----------------------|---------------|----------|---|----------|-------------|--------------|
| | | | | | | | - | | | | | | | | 7919 | | | | |
| Client: R | & J Avila, Ir | nc. | | | | _ CHAIN O | | | | Fa | | • | 9) | | 1919 | | | | |
| Address:_ | 8119 Ellingte | on Ave | 1 | | | EDF | | EDT | | Or | igina | al To | : | front | desk@ | randja | avila.c | om | |
| City Hilm | nar | | | | Zip <u>95324</u> | _ FIEL | D LOG | S | | C. | С То | : | | | | | | | |
| Project | ID Linwood | Disch | arge | | | | | | 2 | | | | € | | | | | Lab Use | Only |
| Samr | led By | (Print | Name) | Rui A | vila | | | | Of Containers | | | | rm (P | | | | | | tive |
| Danie | ica by | (Signa | ture) \ | R | al | | Cor | tainer | OJ Co | as N | | Coli (P/A) | olifo | | | | | | erva |
| Date | Time | Samp | le type | Matrix | Samp | le ID | Туре | Size | No. | Nitrate as N | TDS | E. Coli | Total Coliform (P/A) | | | | | Lab ID# | Preservative |
| i-20-16 | | 1 | Comp | Mailx | 4230 W. Linwood | | | 1L | 1 | 1 | 1 | | | | | | | -01 | |
| | 12:25 pm | 1 | | | 4230 W. Linwood | | | 100ml | 1 | | | 1 | 1 | | | | | | |
| | | | | | | | | | | | | | | | | _ | | | |
| | | | | | | | | | _ | _ | _ | | | | _ | - | | | - |
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| | | + | +- | +- | | | | | + | \vdash | + | - | | | \dashv | + | | | |
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| Relinquis | hed by (Sign)tur | e) a | - | | | Date | Time | Received |)by (5 | Signat | ure | |) | \rightarrow | | | | Date | Time |
| 1 X | = Ce | la | | | | 1/20/16 | 1:58 | (| 10/ | 5/ | | 101 | | | | | | 1-20-16 | 13:5 |
| Relinquis | hed by (Signatur | e) | | | | Date | Time | Received | d by (S | Signat | ure | | | | | | | Date | Time |
| 1 400 | 2 HCL (3-1) | Pres NaOH | Na, | e: S,O, E | HNO₃ 6+1,50,47 | Other | DW Dri | nking Wat | er W | /W Y | Wast | e Wat | ter (| Matrix WW | Hazar | dous | Waste | e (Water) S | Soil/Soli |
| | 55 | | | 2 3 4 | , , , , , | | | | | | | Pum | p Tru | ck | Time | | | Mileage | |
| | | | | | | | | Appro | ved | Ву: _ | | | | | | | | | |
| Turnaround | Time Standard | LISHver | Rush [] | Gold Rush | Pintinum Rush Other | | | | | | | | | | | | | | |

GeoAnalytical Laboratories, Inc.

ck, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212 email: info@geoanalyticallab.com 2300 Maryann Dr. Turlock, CA 95380

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

Report # C6A2019

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 4318 W Linwood

| Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|--------------------|--------------------|--|--|--|--|---|---|
| 1/20/2016 16:10 | 2.00 | 300.0 | Nitrate as N | 21.4 | mg/L | | 01/21/16 07:16 |
| | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 1210 | mg/L | | 01/21/16 10:35 |
| | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 17:15 |
| | NA | | Total Coliform | Absent | NA | | II . |
| | Sample Date / Time | Sample Date / Time RL 1/20/2016 16:10 2.00 10.0 NA | Sample Date / Time RL Method 1/20/2016 16:10 2.00 300.0 10.0 SM 2540 C NA SM9223 (Colitag) | Sample Date / Time RL Method Analyte 1/20/2016 16:10 2.00 300.0 Nitrate as N 10.0 SM 2540 C Total Dissolved Solids (TDS) NA SM9223 (Colitag) E. Coli | Sample Date / Time RL Method Analyte Result 1/20/2016 16:10 2.00 300.0 Nitrate as N 21.4 10.0 SM 2540 C Total Dissolved Solids (TDS) 1210 NA SM9223 (Colitag) E. Coli Absent | Sample Date / Time RL Method Analyte Result Units 1/20/2016 16:10 2.00 300.0 Nitrate as N 21.4 mg/L 10.0 SM 2540 C Total Dissolved Solids (TDS) 1210 mg/L NA SM9223 (Colitag) E. Coli Absent NA | Sample Date / Time RL Method Analyte Result Units Notes 1/20/2016 16:10 2.00 300.0 Nitrate as N 21.4 mg/L 10.0 SM 2540 C Total Dissolved Solids (TDS) 1210 mg/L NA SM9223 (Colitag) E. Coli Absent NA |

Kanti Gandhi Chemist

the gand

Donna Keller Laboratory Director

Report # C6A2019

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------------------------------|--------------------|------------|---------|------------|--------|-----------|--------|-----|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000208 - NO PREP | | P | repared | : 01/21/16 | Analyz | ed: 01/22 | 2/16 | · | | |
| Blank (C000208-BLK1) | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000208-BS1) | | | | | | | | | | |
| Nitrate as N | 1.93 | 0.40 | mg/L | 2.258 | | 86 | 85-115 | | | |
| LCS Dup (C000208-BSD1) | | | | | | | | | | |
| Nitrate as N | 1.94 | 0.40 | mg/L | 2.258 | | 86 | 85-115 | 0.2 | 20 | |
| Matrix Spike (C000208-MS1) | Sou | rce: C6A20 | 19-01 | | | | | | | |
| Nitrate as N | 25.6 | 0.40 | mg/L | 2.258 | 21.4 | 186 | 85-115 | | | QM-02 |
| Matrix Spike Dup (C000208-MSD1) | Sou | rce: C6A20 | 19-01 | | | | | | | |
| Nitrate as N | 25.6 | 0.40 | mg/L | 2.258 | 21.4 | 187 | 85-115 | 0.1 | 20 | QM-02 |
| Batch C000223 - NO PREP | | P | repared | : 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000223-BLK1) | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | | | | | |
| Duplicate (C000223-DUP1) | Source: C6A1914-01 | | | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |

Report # C6A2019

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------|--------|--------------------|---------|----------------|------------------|-----------|----------------|-----|--------------|-------|
| Batch C000215 - BIO | | P | repared | 01/02/16 | Analyz | ed: 01/21 | l/ 16 | | | |
| Blank (C000215-BLK1) | | | | | | | | | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | ** | | | | | | | |

GeoAnalytical Laboratories, Inc. vann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

2300 Maryann Dr. Turlock, CA 95380

email: info@geoanalyticallab.com

Report # C6A2019

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

R & J Avila

8119 Ellington Avenue

Hilmar, CA 95324

Notes and Definitions

QM-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte

inherent in the sample.

Α Absent

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RL Reporting Limit

NA Not Applicable



GeoAnalytical Laboratories, Inc.

2300 Maryann Dr Phone: (209) 669 0100 Turlock, CA 95380 Fax: (209) 593 2212

| Lab Report # | UIT | | |
|------------------------------|-----|------|-----|
| Regulatory Yes No | CC: | □Yes | □No |
| Regulator: | | · | |
| Phone: (209) 669-7919 | | | |

| | | | | | | | | | | = | Ph | one: | (2 | 09) | 669- | 7919 | | | | |
|-----------------|----------------|---------------|---|------|---------------------|---|-------------|-------------|--------------|----------|--|-----------------|-------------|--------------|-------------|-------------|--|----------------|------------------|--------------------|
| Client: R | & J Avila, lı | nc. | | | | CHAI | N O | F CU | STODY | 7 | Fa | x: | (2 | 09) | 250- | 1919 | | | | |
| Address: 8 | 119 Ellingt | on Ave |) | | | | DF | ŧ | I EDT | | Or | igin | al To |) : | front | desk@ | randj | avila. | com | |
| City Hilma | ar | | | | Zip <u>95324</u> | D F | IELD | LOG | S | | C. | C To | : | | | | | | | |
| Project II | D Linwood | Disch | arge | | | | | | | T., | | | | a | T | | T | | Lab Use | Only |
| Sampl | ed Bv | | | ui A | vila | | ··· | | | tainer | | | | m (P/A) | | | | | | 7 |
| · | • | (Signa | ture) |)= | aile | *************************************** | | Cor | ıtainer | Contain | as N | | P/A | Coliform | | | | | | vati |
| | | Sampl | le type | | Sample | ID. | | | | No. Of | Nitrate 8 | (A) | Coli (P/A) | <u>2</u> | | Ì | | | Lab ID | ** Preservative |
| Date | Time | Grab | Comp M | | - | | | Туре | Size | | ž | TDS | E. C | Total | | | | | | E |
| 1-20-16 | 4:10 m | 1 | | | 4318 W. Linwood | | | | 1L | 1 | 1 | Y | | | | | | \overline{N} | -01 | |
| 1-20-16 | 4:10 Pm | ✓ | | | 4318 W. Linwood | | | | 100ml | 11_ | <u> </u> | | ✓ | 1 | | | <u> </u> | | | |
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| | | | | | | | | | | | | | | | | | | | | |
| Relinquished | by (Signature) | | | | | Date / | | Time | Received | ny (Ki | andre | > | | >- | | | | | Date | Time |
| X | =(1 | <u>ll</u> | | | | 1/20/14 | - 1 | :22 | 10 | 4 | K. | | / | | | | | | -20-16 | 16:22 |
| Relinquished | by (Signature) | • | | | | Date | | Time | Received | by (Si | gnatur | 3 | | | | | | | Date | Time |
| 1 4°0 | HCL 3-Na | Prese OH 1 | rvative: Na ₂ S ₂ O ₃ | 5 | HNO, 6 HSO, 7-0th | er | DW | Drin | king Wate | M |) w | aste ' | Wate | Ma HW | trix W H | lazard | ous V | /aste | (Water) S | Soil/Solid |
| Bailers | 55 Ga | illen Dru | ıms | | | | | | | | | 1 | | Truck | T | ime | | | Mileage | |
| Terneround Time | Standard | Saver R | ant □Gold R | uste | Platinum Rush Other | | | | Approv | ed B | y: | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

Report # C6A2021

Project: Linwood Discharge

CERTIFICATE OF ANALYSIS

Date: 01/28/16

R & J Avila

8119 Ellington Avenue

Hilmar, CA 95324

Date Rec'd: 01/20/16

Sampler: Rui Avila

Sample ID: 4406 Linwood House

| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| C6A2021-01 | 1/20/2016 15:40 | 0.40 | 300.0 | Nitrate as N | 17.3 | mg/L | | 01/21/16 07:16 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 936 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 17:15 |
| | | NA | · - | Total Coliform | Absent | NA | | н |

Kanti Gandhi Chemist

nt. Soul

Laboratory Director

GeoAnalytical Laboratories, Inc. 2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2021

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| ļ | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------|--------|-----------|---------|------------|--------|-----------|--------|-----|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000208 - NO PREP | | P | repared | : 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000208-BLK1) | | | | | · | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000208-BS1) | | | | | | | | | | |
| Nitrate as N | 1.93 | 0.40 | mg/L | 2.258 | | 86 | 85-115 | | | |
| LCS Dup (C000208-BSD1) | | | | | | | | | | |
| Nitrate as N | 1.94 | 0.40 | mg/L | 2.258 | | 86 | 85-115 | 0.2 | 20 | |
| Matrix Spike (C000208-MS1) | Sour | ce: C6A20 | 19-01 | | | | | | | |
| Nitrate as N | 25.6 | 0.40 | mg/L | 2.258 | 21.4 | 186 | 85-115 | | | QM-02 |
| Matrix Spike Dup (C000208-MSD1) | Sour | ce: C6A20 | 19-01 | | | | | | | |
| Nitrate as N | 25.6 | 0.40 | mg/L | 2.258 | 21.4 | 187 | 85-115 | 0.1 | 20 | QM-02 |
| Batch C000223 - NO PREP | | P | repared | 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000223-BLK1) | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | | | | | |
| Duplicate (C000223-DUP1) | Sour | ce: C6A19 | 14-01 | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |

GeoAnalytical Laboratories, Inc.

2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212 email: info@geoanalyticallab.com

Report # C6A2021

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324 Project: Linwood Discharge

Date: 01/28/16

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|----------------------|--------|-----------|-------------|----------|--------|-----------|--------|-----|-------|-------|
| Analyte | Result | Limit | Limit Units | | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000215 - BIO | | P | repared: | 01/02/16 | Analyz | ed: 01/21 | 1/16 | | | |
| Blank (C000215-BLK1) | | | | | | | | | | |
| E. Coli | Absent | | NA | | | | - | | | |
| Total Coliform | Absent | | 11 | | | | | | | |

GeoAnalytical Laboratories, Inc.
rann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212
email: info@geoanalyticallab.com 2300 Maryann Dr. Turlock, CA 95380

Report # C6A2021

Project: Linwood Discharge

Date: 01/28/16

R & J Avila

8119 Ellington Avenue

Hilmar, CA 95324

Date Rec'd: 01/20/16

Notes and Definitions

QM-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte

inherent in the sample.

Absent Α

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RL Reporting Limit

NA Not Applicable



GeoAnalytical Laboratories, Inc.

2300 Maryann Dr Turlock, CA 95380

Phone: (209) 669 0100 Fax: (209) 593 2212

MA 2021 Lab Report #_ Regulator:

| | | | | | | | _ | Ph | one: | (20 | 09) | 669 | -7919 | | | |
|----------------------------|---------------|---|---------------------------------|-------------|-------|-----------|---------------|--------------|----------|---------------|----------------------|----------|---------|-----------|----------|-------------------|
| Client: R & J Avila, | Inc. | | | CHAIN O | F CU | STODY | 7 | Fa | x: | (20 | 09) | 250 | -1919 | | | |
| Address: 8119 Elling | ton Ave | | | □EDF | 1 | □EDT | | Or | igin | al To |): | fron | tdesk@r | andjavila | .com | |
| City <u>Hilmar</u> | | | Zip <u>95324</u> | □ FIEL | D LOG | SS | | C. | С То | : | | | | | | |
| Project ID Linwood | d Discha | arge | | | | | T., | | | | व | | | | Lab Us | e Only |
| Sampled By | (Print I | Rı | ui Avila | | Coi | ntainer | Of Containers | as N | | P/A) | Total Coliform (P/A) | | | | | # Preservative |
| Date Time | Sampl Grab | e type Comp Ma | Sample | ID | Туре | Size | No.0 | Nitrate 8 | TDS | E. Coli (P/A) | Total Co | | | | Lab ID | # Preser |
| 1-20-16 3:40 m | 1 | | 4406 Linwood House | | | 1L | 1 | ✓ | ✓ | | | | | | -01 | |
| 1-20-16 3:40 m | √ | | 4406 Linwood House | | | 100ml | 1 | | | ✓ | ✓ | | | | | |
| | | | | | | | - | | | | _ | _ | | | _ | |
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| | | | | | | | | | | | | | | | | |
| Relinguished by Signatur | e) / | | | Date | Time | Regelved | Au /si | ord ne un | | _ > | | | | | Date | Time |
| W- ()- | le | | | 1 / / 1 | 4:22 | | 75 (31 A | | | | | | | | 1-20-16 | 16:22 |
| Relinquished by (Signature | e) . | | | Date | Time | Received | by (Si | gnary | |) | | | | | Date | Time |
| 1 4°0 HCL (3-N | Prese laOH | Na ₂ S ₂ O ₃ | 5-HNO3 6-HSO4 7-OH | erD\ | Drin | king Wate | r W | w | | | r (IV | | Hazardo | us Waste | (Water) | Soil/Sol |
| Bailers 55 (| Gallon Dru | ums | Periodic Marie Company Springer | | | | | | I | | Truck | | Time | | Mileage | |
| ibit 25 | | | | | | Approv | ad D | | | | | | | | | |

GeoAnalytical Laboratories, Inc.
2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2012

Project: Linwood Discharge

Date: 01/25/16

R & J Avila 8119 Ellington Avenue

Hilmar, CA 95324

Date Rec'd: 01/20/16

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 4500 W Linwood

| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| C6A2012-01 | 1/20/2016 12:15 | 0.40 | 300.0 | Nitrate as N | 2.02 | mg/L | | 01/20/16 14:57 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 290 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 16:35 |
| | | NA | | Total Coliform | Absent | NA | | ** |

Kanti Gandhi Chemist

L. gandi

Laboratory Director

GeoAnalytical Laboratories, Inc. 2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2012

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| j | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------|--------|------------|---------|------------|--------|------------|--------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000194 - NO PREP | | P | repared | : 01/19/16 | Analy2 | zed: 01/22 | 2/16 | | | |
| Blank (C000194-BLK1) | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000194-BS1) | | | | | | | | | | |
| Nitrate as N | 2.02 | 0.40 | mg/L | 2.258 | | 89 | 85-115 | | | |
| LCS Dup (C000194-BSD1) | | | | | | | | | | |
| Nitrate as N | 2.00 | 0.40 | mg/L | 2.258 | | 88 | 85-115 | 0.9 | 20 | |
| Matrix Spike (C000194-MS1) | Sou | rce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | | | |
| Matrix Spike Dup (C000194-MSD1) | Soui | rce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | 0.03 | 20 | |
| Batch C000223 - NO PREP | | P | repared | : 01/21/16 | Analyz | zed: 01/22 | 2/16 | | | |
| Blank (C000223-BLK1) | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | | | | | |
| Duplicate (C000223-DUP1) | Soui | rce: C6A19 | 14-01 | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |

Report # C6A2012

Project: Linwood Discharge

Date: 01/25/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------|----------|----------------|------------------|-----------|----------------|-----|--------------|-------|
| Batch C000213 - BIO | | P | repared: | 01/20/16 | Analyz | ed: 01/21 | /16 | | | |
| Blank (C000213-BLK1) | | | | | | | | | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | 11 | | | | | | | |
| Duplicate (C000213-DUP1) | Sou | rce: C6A20 | 16-04 | | | | | | | |
| E. Coli | Absent | | NA | | 0.0 | | | | 0 | |
| Total Coliform | Absent | | # | | 0.0 | | | | 0 | |

Report # C6A2012

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

Notes and Definitions

Α Absent

ND

Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RL Reporting Limit

NA Not Applicable



GeoAnalytical Laboratories, Inc.

 2300 Maryann Dr
 Phone:
 (209) 669 0100

 Turlock, CA 95380
 Fax:
 (209) 593 2212

| | (LA 2012- Yes ■No CC: ■Yes | |
|--------------|-------------------------------|--|
| Regulator: | | |
| Phone: (209) | 669-7919 | |
| Fax: (209) | 250-1919 | |
| Original To | frontdesk@randjavila.com | |

| Client: R | & J Avila, Ir | nc. | | | | CHAIN O | | | | | | | 9) 25 | | | diavilo | | |
|------------|------------------|----------|-----------|------------|---------------------|---------|--------|--|---------------|-----------|-------|------------|----------------------|----------|----------|----------|--------------|--------------|
| Address: 8 | 119 Ellingto | on Ave | | | | □ EDF | | EDT | | | _ | l To: | tro | ntdesi | @ran | djavila. | OM | |
| City Hilma | ar | | | | Zip <u>95324</u> | ☐ FIELI | LOG | S | | C.C | C To: | : | | | | | | |
| Project II | D Linwood | Discha | arge | | | | | | 5 | | | | (A) | | | | Lab Use | Only |
| Sampl | | (Print) | | Rui A | vila Cele | | Con | tainer | Of Containers | as N | | Coli (P/A) | Total Coliform (P/A) | | | | | Preservative |
| Date | Time | | e type | | Sample | ID | Туре | Size | No. | Nitrate | TDS | E. Coli | rotal (| | | | Lab ID# | Pres |
| | | Grab | | Matrix | 4500 W. Linwood | | | | 1 | 1 | 1 | | | \Box | | 1 | -01 | |
| | 12:15 pm | | | | 4500 W. Linwood | | | 100ml | 1 | | | 1 | 1 | | | Z | | |
| 1 20 16 | 10.15 (11 | | | | | | | | _ | _ | - | | | - | \dashv | _ | | |
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| | | | | | | Date, | Time | Receives | Thu (1 | Sional | une)/ | \geq | 5 | > | | | Date | Time |
| Relinquish | ed by (81g) atur | | | | | 1/20/16 | 1:58 | The state of the s | | //< | L | ~ | | | | | 1-20-16 | 13:58 |
| | ned by (Signatur | ~ | | | | Date | Time | Received | d by (| Signat | ure | | | | | | Date | Time |
| 1 400 | 2 HCL 3H | Pre: | servative | 9: S,O, | 5-HNO3 6-HSO4 7-0 | Other | OW Dri | nking Wat | er V | vw | Wast | e Wat | Mati | ix Ha | zardo | us Was | te (Water) S | Soil/Solid |
| | | | | | | | | | | | | Pum | p Truck | Tir | ne | | Mileage | |
| | 55 | | | | | | | Appro | ved | By: | | | | | | | | |
| Ternaround | Name Standar | d Silve | r Rush | Gold Rush | Platinum Rush Other | | | | | | | | | | | | | |

GeoAnalytical Laboratories, Inc. 2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2014

Project: Linwood Discharge

Date: 01/25/16

R & J Avila

Date Rec'd: 01/20/16

8119 Ellington Avenue Hilmar, CA 95324

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 4530 W Linwood

| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| C6A2014-01 | 1/20/2016 09:40 | 0.40 | 300.0 | Nitrate as N | 18.0 | mg/L | | 01/20/16 14:57 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 726 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 16:35 |
| | | NA | , | Total Coliform | Absent | NA | | II |

Kanti Gandhi Chemist

Laboratory Director

GeoAnalytical Laboratories, Inc. 2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2014

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | Reporting | | Spike | Source | | %REC | | RPD | |
|--------|--|---------------------------|------------------|--------------------------|---|--|------|---|--|
| Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| | P | repared | : 01/19/16 | Analyz | ed: 01/2 | 2/16 | | | |
| | | | | | | | | | |
| ND | 0.40 | mg/L | | | | | | | |
| | | | | | | | | | |
| 2.02 | 0.40 | mg/L | 2.258 | | 89 | 85-115 | | | |
| | | | | | | | | | |
| 2.00 | 0.40 | mg/L | 2.258 | | 88 | 85-115 | 0.9 | 20 | |
| Soui | rce: C6A19 | 05-02 | | | | | | | |
| 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | | | |
| Sour | rce: C6A190 |)5-02 | | | | | | | |
| 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | 0.03 | 20 | |
| | P | repared | : 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | |
| | | | | | | | | | |
| ND | 10.0 | mg/L | | | | | | | |
| Sour | ce: C6A191 | 4-01 | | | | | | | |
| 359 | 10.0 | mg/L | | 353 | | | 2 | 10 | |
| | ND 2.02 2.00 Sour 16.7 Sour 16.7 ND Sour | ND 0.40 2.02 0.40 | ND 0.40 mg/L | ND 0.40 mg/L 2.258 | Result Limit Units Level Result | Result Limit Units Level Result %REC | ND | Result Limit Units Level Result %REC Limits RPD | Result Limit Units Level Result %REC Limits RPD Limit Prepared: 01/19/16 Analyzed: 01/22/16 ND 0.40 mg/L 2.258 88 85-115 0.9 20 Source: C6A1905-02 16.7 0.40 mg/L 2.258 14.6 93 85-115 0.03 20 Prepared: 01/21/16 Analyzed: 01/22/16 |

Report # C6A2014

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | <u>Units</u> | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------|--------------|----------------|------------------|-----------|----------------|-----|--------------|-------|
| Batch C000213 - BIO | | P | repared | 01/20/16 | Analyz | ed: 01/21 | 1/16 | | | |
| Blank (C000213-BLK1) | | | | | | | | | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | 11 | | | | | | | |
| Duplicate (C000213-DUP1) | Sou | rce: C6A20 | 16-04 | | | | | | | |
| E. Coli | Absent | | NA | | 0.0 | | | | 0 | |
| Total Coliform | Absent | | u | | 0.0 | | | | 0 | |

Report # C6A2014

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Notes and Definitions

Α Absent

Analyte NOT DETECTED at or above the reporting limit ND

RPD Relative Percent Difference

RL Reporting Limit

NA Not Applicable



GeoAnalytical Laboratories, Inc.

 2300 Maryann Dr
 Phone: (209) 669 0100

 Turlock, CA 95380
 Fax: (209) 593 2212

| | (6A2014 Yes □No CC: □Yes □N |
|--------------|--------------------------------|
| Regulator: | |
| Phone: (209) | 669-7919 |
| Fax: (209) | 250-1919 |
| Original To: | frontdesk@randjavila.com |
| C.C To: | |

| lient: R | & J Avila, Ir | nc. | | | | CHAIN O | F CUS | STODY | 7 | Fax | : | (20 | 9) | 250 | -1919 | 3 | | | |
|--------------|-----------------|-------------|---|-----------|---------------------|-----------------|--------------|----------|---------------|---------|-----------|------------|----------------------|--------------|----------|--------|----------|--|--------------|
| | 119 Ellingto | |) | | | □EDF | | EDT | | Ori | gina | al To | : | fror | ntdesk | @ran | djavila | com | |
| | | | | | Zip _95324 | ☐ FIEL | D LOG | S | | C.C | То | : | | | | | | | |
| Project II | D Linwood | Disch | arge | | | | | | rs | | | | (A) | | | | | Lab Use | Only |
| Sampl | | (Print | Name) | Rui_A | vila = Qile | | Con | ıtainer | Of Containers | as N | | Coli (P/A) | Total Coliform (P/A) | | | | | | Preservative |
| Date | Time | | le type | | Sample | ID | Туре | Size | No. O | Nitrate | TDS | E. Coli | Total C | | | | | Lab ID | Prese |
| i-20-16 | 9:40 km | - | | | 4530 W. Linwood | | | | 1 | 1 | 1 | | | | | _ | 1 | -01 | + |
| | 9:40 Am | | | 1 | 4530 W. Linwood | | | 100ml | 1 | _ | | 1 | 1 | _ | \vdash | - | + | | + |
| | | | - | | | | | | + | | | | | - | | + | + | | + |
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| Relinquishe | ed by (S) gnatu | (e) | | | | Date | Time 1:58 | Receive | d by | Signati | ire)/ | <u></u> | | | | | | 1-20-16 | /3.5 |
| | ed by (Signatur | | | | | 1/20/16 Date | Time | Receive | d by (| Signati | ure) | \geq | | | | | | Date | Tin |
| A 4°C | PHCI 3H | Pre NaOH | servativ | s.o. | HNO3 6 H SO4 7 | Other | DW Dri | nking Wa | ter (| vw v | / Nast | e Wa | ter (| Matri HWW | Ha: | zardo | us Was | ste (Water) S | Soil/S |
| | | | | | | | | | | | | | ip Tri | | Tin | | | Mileage | |
| | 55 | | *************************************** | | | | | Appro | ved | By: | | | | | | | | | |
| Typearound T | Standar | d Silve | er Rush | Gold Rush | Platinum Rush Other | | | | | | | | | | | | | | Cooper - |

GeoAnalytical Laboratories, Inc. 2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2015

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

R & J Avila 8119 Ellington Avenue

Hilmar, CA 95324

CERTIFICATE OF ANALYSIS

Sampler: Rui Avila

Sample ID: 4600 W Linwood

| Lab ID | Sample Date / Time | RL | Method | Analyte | Result | Units | Notes | Started |
|------------|--------------------|------|------------------|------------------------------|--------|-------|-------|----------------|
| C6A2015-01 | 1/20/2016 10:30 | 0.40 | 300.0 | Nitrate as N | 11.5 | mg/L | | 01/20/16 14:57 |
| | | 10.0 | SM 2540 C | Total Dissolved Solids (TDS) | 642 | mg/L | | 01/21/16 10:35 |
| | | NA | SM9223 (Colitag) | E. Coli | Absent | NA | | 01/20/16 16:35 |
| | | NA | | Total Coliform | Absent | NA | | ** |

Kanti Gandhi Chemist

Laboratory Director

Report # C6A2015

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Inorganic Chemistry - Quality Control GeoAnalytical Laboratories, Inc.

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------|--------|-----------|---------|------------|--------|-----------|--------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch C000194 - NO PREP | | P | repared | : 01/19/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000194-BLK1) | | | | | | | | | | |
| Nitrate as N | ND | 0.40 | mg/L | | | | | | | |
| LCS (C000194-BS1) | | | | | | | | | | |
| Nitrate as N | 2.02 | 0.40 | mg/L | 2.258 | | 89 | 85-115 | | | |
| LCS Dup (C000194-BSD1) | | | | | | | | | | |
| Nitrate as N | 2.00 | 0.40 | mg/L | 2.258 | | 88 | 85-115 | 0.9 | 20 | |
| Matrix Spike (C000194-MS1) | Sour | ce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2.258 | 14.6 | 93 | 85-115 | | | |
| Matrix Spike Dup (C000194-MSD1) | Sour | ce: C6A19 | 05-02 | | | | | | | |
| Nitrate as N | 16.7 | 0.40 | mg/L | 2,258 | 14.6 | 93 | 85-115 | 0.03 | 20 | |
| Batch C000223 - NO PREP | | P | repared | 01/21/16 | Analyz | ed: 01/22 | 2/16 | | | |
| Blank (C000223-BLK1) | | | | | | | | | | |
| Total Dissolved Solids (TDS) | ND | 10.0 | mg/L | | | | | | | |
| Duplicate (C000223-DUP1) | Sour | ce: C6A19 | 14-01 | | | | | | | |
| Total Dissolved Solids (TDS) | 359 | 10.0 | mg/L | | 353 | - | | 2 | 10 | |

GeoAnalytical Laboratories, Inc. 2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2015

R & J Avila 8119 Ellington Avenue Hilmar, CA 95324

Project: Linwood Discharge

Date: 01/25/16

Date Rec'd: 01/20/16

Microbiology - Quality Control GeoAnalytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------|---------|----------------|------------------|-----------|----------------|-----|--------------|-------|
| Batch C000213 - BIO | | P | repared | : 01/20/16 | Analyz | ed: 01/21 | 1/16 | | | |
| Blank (C000213-BLK1) | | | | | | | | 1 | | |
| E. Coli | Absent | | NA | | | | | | | |
| Total Coliform | Absent | | " | | | | | | | |
| Duplicate (C000213-DUP1) | Sou | rce: C6A201 | 16-04 | | | | | | | |
| E. Coli | Absent | | NA | | 0.0 | | | | 0 | |
| Total Coliform | Absent | | ** | | 0.0 | | | | 0 | |

GeoAnalytical Laboratories, Inc. 2300 Maryann Dr. Turlock, CA 95380 Phone (209) 669-0100 Fax (209) 593-2212

email: info@geoanalyticallab.com

Report # C6A2015

Project: Linwood Discharge

Date: 01/25/16

R & J Avila

8119 Ellington Avenue Hilmar, CA 95324

Date Rec'd: 01/20/16

Notes and Definitions

Absent Α

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

RL Reporting Limit

Not Applicable NA



GeoAnalytical Laboratories, Inc.

2300 Maryann Dr

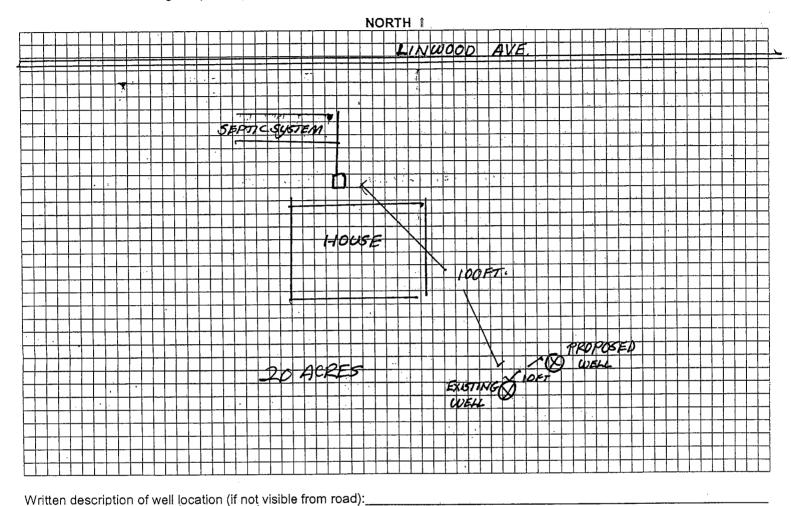
Phone: (209) 669 0100

| Regulatory | ☐ Yes | □No | CC: | Yes | □ No | |
|------------|-------|-----|-----|-----|------|--|
| Populator: | | | | | | |

| | | 3 | | | , CA 95380 | Fax: | | 93 2212 | | Reg | gulat | tor: | | | | | | | |
|------------|-----------------|--------------|--|---|--|-----------------|--|-----------|------------|---------|-----------|------------|----------------|---------------|----------|--------|---------|-------------------|--------------|
| | | | | unoci | ., 0, 1 00000 | A LOA. | (200) | | _ | Pho | one: | (20 | 19) | 669- | 7919 | | | | |
| lient R | & J Avila, Ir | ıc. | | | | CHAIN O | F CUS | TODY | • | Far | K: | (20 | 9) | 250- | 1919 | | | | |
| | 119 Ellingto | | | | | □EDF | | EDT | | Or | igina | al To | : | front | desk@ | randj | avila.c | om | |
| City Hilms | | | | | Zip <u>95324</u> | ■ FIELI | LOG | S | | C.C | С То | : | | | | | | | |
| | | | | | | | | | | | | | 3 | T | T | T | | Lab Use (| Only |
| Project 1 | D Linwood | Disch: | Namel | | | | 1 | | ners | | | | Coliform (P/A) | | | | 1 1 | | T |
| Samp | led By | | | Rui A | | | _ | | Containers | z | | F | orm | | | | | | ativ |
| • | | (Signa | ture) ~ | R= | . Cirle | | Con | tainer | orc | as | | Coli (P/A) | Solif | | | | | | erv |
| Date | Time | Samp | Comp | Matrix | Sample | ID | Туре | Size | No. | Nitrate | TDS | E. Col | Total (| | | | | Lab ID# | Preservative |
| 1-20-16 | 10:30 An | 1 | | | 4600 W. Linwood | | | | 1 | 1 | 1 | | | | _ | _ | 17 | -01 | - |
| | 10:30 Am | | | | 4600 W. Linwood | | The state of the s | 100ml | 1 | - | - | 1 | √ | | - | + | - | | |
| | | - | | | | | | | + | - | \vdash | - | - | | - | + | + | | |
| | <u> </u> | - | | | | | | | + | | | | | | + | | 1 | | |
| | | \vdash | - | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | + | - | - | - | _ | \vdash | - | + | +- | | - |
| | | - | | _ | | | - | | + | - | +- | + | | H | \dashv | + | - | | |
| | - | - | - | - | | | + | | + | + | + | +- | \vdash | | \dashv | 十 | + | | |
| | | - | \vdash | | | | | | + | 1 | + | \vdash | + | \Box | | \top | | | |
| | | | | | | | | <u> </u> | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | _ | | | _ | | | -> | | | | |
| Relinquist | ed by (Signatur | e) / | | | | Date, | Time | Received | 16) (| Signar | are) | | 1 | | | | | Date | Time |
| X | - Ce- | le | | | | 1/20/16 Date | 1:58 Time | Received | Lbv (| Signat | 1000 | \geq | \leftarrow | | | | | 1-20-16 1 Date | 3:57 Time |
| Relinquish | ed by (Signatur | re) | | | | Date | IIIIC | RECEIVED | ı by (| oigna | ""S | _ | \supset | | | | | | |
| 1 400 | 2 HCL (3+1 | Pres NaOH | servative | : S ₂ O ₃ 5 | -HNO ₃ 6-H SO ₄ 7-or | her | W Dri | nking Wat | er V | vw ' | Wast | e Wa | ter (| Matrix HWW | Haza | rdous | s Wast | e (Water) S | Soil/Solid |
| Bailers | | Gallon D | | | | | | | | | | Pun | ip Tru | ick | Time | | | Mileage | |
| | | | | | | | | Appro | ved | By: | | | | | | | | | |

ATTACHMENT B
WELL LOGS

- Name of street and distance from nearest cross roads to well site. 1.
- Outline of the property, easements. 2.
- Outlines and locations of all existing and proposed structures, including covered areas such as patios, driveways, and 3.
- Location of house sewer outlet, public sewer, sewage disposal system, or proposed sewage disposal system, proposed 4. expansion of sewage disposal system, industrial waste pond, or any other possible source of contamination.
- Location of other wells within radius of 300 feet on the property or adjoining property. 5.
- Location of sewage disposal system on adjoining property or within a radius of 100 ft. (private well) 150 ft. (public well).



I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN

ACCORDANCE WITH THE PROVISIONS OF THE LAWS OF THE STATE OF CALIFORNIA, THE ORDINANCES OF THE COUNTY OF STANISLAUS AND THE RULES AND REGULATIONS OF THE STANISLAUS COUNTY DEPARTMENT OF ENVIRONMENTAL RESOURCES (DER). DER WILL BE CONTACTED FOR INSPECTION OF ANNULAR SEAL INSTALLATION, AND AFTER WELL WORK HAS BEEN COMPLETED.

- All existing wells within a 300 foot radius of the proposed new well(s) on the property or adjoining property have been 1. located and so indicated.
- Proposed well(s) will be located at least 50-100 feet from any sewage disposal system on property or adjoining property. 2. Public well requires a distance of 100-150 feet from disposal system (100 ft. septic tank and leach lines, 150 ft. pits).

Submit well logs of all public wells drilled, as notice of well work completion. 3.

(OWNER OR AUTHORIZED REPRESENTATIVE)

DATE: 8/7/09

F:\DATA\EHFORMS\Water\app for well const-destruct.wpd

ORIGINAL File with DWR

STATE OF CALIFORNIA

WELL COMPLETION REPORT Refer to Instruction Pamphlet No. 0025040

| Page | 1 | of | 1 | | |
|------|---|----|---|-------|---|
| | | | | ** ** | 2 |

| Owner's Well No. 2 | ^{No.} 0925040 |
|-------------------------------|------------------------|
| Date Work Began 4/7/2004 | |
| Local Permit Agency STANISLAL | |
| Permit No. 04-79 | Permit Date 4/7/2004 |

| DWR USE ONLY DO NOT FILL IN |
|-----------------------------|
| 05/3/205-20 |
| STATE WELL NO./ STATION NO. |
| |
| LATITUDE LONGITUDE |
| |
| APN/TRS/OTHER |

| Perm | it No. <u>04</u> | -79 Permit Date 4/7/2004 | APN/TRS/ | OTHER |
|---------------|------------------|---|--|--|
| | | GEOLOGIC LOG | WELL OWNER - | |
| ORIENTA | ` . ′ | VERTICAL — HORIZONTAL — ANGLE — (SPECIFY) DRILLING ROTARY — FLUID MUD | | |
| DEPTH SURF | | DESCRIPTION | | . 1 |
| Ft. to | | Describe material, grain, size, color, etc. | CITY | STATE ZIP |
| 0 | 35 | SAND | Address 4207 W LINWOOD AVE | · |
| 35 | 40 | CLAY | City TURLOCK CA 95380 | |
| 40 | 50 | SAND | County Stanislaus | |
| 50 | 69 | CLAY | APN Book Page Parcel | |
| 69 | | SAND | Township Range Section | |
| 71 | 83 | CLAY | Latitude | 1 |
| 83 | 86 | SAND | DEG. MIN. SEC. | DEG. MIN. SEC. |
| 86 | 119 | CLAY | LOCATION SKETCH NORTH | ACTIVITY (<u>✓</u>) — |
| 119 | 126 | FINE SAND | KOKIII | j |
| 126 | 130 | CLAY | | MODIFICATION/REPAIR —— Deepen |
| 130 | 134 | FINE SAND | ' | Other (Specify) |
| 134 | 158 | CLAY | | DECTROY (Deserting |
| 158 | 214 | BLUE CLAY | | DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG") |
| 214 | 229 | CLAY | | 1 |
| 229 | 233 | SAND |]. | PLANNED USES (∠) WATER SUPPLY |
| 233 | 245 | CLAY | WEST | Domestic Public Irrigation Industrial |
| 245 | 250 | SAND | ž ž | 1 |
| 250 | 260 | CLAY | | MONITORING — TEST WELL |
| | | | | CATHODIC PROTECTION |
| | | | i | HEAT EXCHANGE |
| | | | · | DIRECT PUSH |
| | | | | INJECTION |
| | | | | VAPOR EXTRACTION SPARGING |
| | | | SOUTH | REMEDIATION |
| | | | Illustrate or Describe Distance of Well from Roads, Buildings. | OTHER (SPECIFY) |
| | | | Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE. | DAIRY |
| | | | WATER LEVEL & YIELD OF COMPLE | ETED WELL |
| | | | DEPTH TO FIRST WATER 36 (Ft.) BELOW SURFACE | E |
| | | | DEPTH OF STATIC WATER LEVEL 36 (Ft.) & DATE MEASURED _ | 4/9/2004 |
| | | | ESTIMATED YIELD * (GPM) & TEST TYPE | |
| TOTAL D | EPTH OF | BORING 260 (Feet) | TEST LENGTH (Hrs.) TOTAL DRAWDOWN | |
| TOTAL D | EPTH OF | COMPLETED WELL 255 (Feet) | May not be representative of a well's long-term yield | |
| <u> </u> | | 7 | star not be representative of a well's long-term yield | <i>'</i> . |

| DEF | | BORE - | | | | | C/ | ASING (S) | | | Γ | DEP | TH | | ANN | TLAR | MATERIAL |
|---------|-----|------------------------------------|----------|---------------|---------|---|---------------------|----------------------------------|-------------------------------|---------------------------------|----------|--------------|-----|-------------|----------------|---|----------------------------|
| FROM SU | | BORE - HOLE DIA. (Inches) | | $\overline{}$ | E (NOTO | | MATERIAL / GRADE | INTERNAL DIAMETER (Inches) | GAUGE OR WALL THICKNESS | SLOT SIZE IF ANY (Inches) | F | Ft. to Ft. I | | CE- MENT | BEN- TONITE | | PE FILTER PACK (TYPE/SIZE) |
| 0 | 225 | 16 | √ | | | | PLASTIC | 8 | SDR26 | | \vdash | 0 | 53 | | ~ | , , , , , , , , , , , , , , , , , , , | |
| 225 | 255 | 16 | | √ | 1 | | PLASTIC | 8 | SDR26 | .048 | | 53 | 255 | | | | 6X16 GRAVEL |
| | | | - | - | | Н | | | | | - | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

| ATTACHMENTS (∠) | CERTIFICATION | STATEMENT - | |
|--|--|-----------------------------------|---------------------|
| — Geologic Log | I, the undersigned, certify that this report is complete and accurate to the | e best of my knowledge and belief | |
| — Well Construction Diagram | NAME CALWATER DRILLING CO., INC. | | • |
| Geophysical Log(s) | (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED) | | |
| Soil/Water Chemical Analysis | 300 S. Kilroy Rd | Turlock | CA 95380 |
| Other | ADDRESS YAYILU A MANA | CITY | STATE ZIP |
| ATTACH ADDITIONAL INFORMATION, IF IT EXISTS. | Signed | 07/06/04 | <u>434218</u> |
| | WELL DRIMENAUTHORIZED REPRESENTATIVE | DATE SIGNED | C-57 LICENSE NUMBER |

DWR 188 REV. 11-9"

FADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

STATE OF CALIFORNIA

THE RESOURCES AGENCY

Do not fill in

ORIGINAL File with DWR

DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No. 250458 State Well No. 55/10 E -20

| Notice of Intent No | | | State Well ! Other Well | No. 55/10 E -20 |
|--|--------------------|--|---|-----------------------------------|
| | · | <u> </u> | | · |
| (1) OWN Address | | | | t. Completed depth 245 ft. |
| City | from ft. | | | lor, character, size or material) |
| · | 0 | | sand | |
| (2) LOCATION OF WELL (See instructions): | 22 | | clay | |
| County Stanislaus Owner's Well Number | | | sand | |
| Well address if different from above | 40 | | clay | |
| Township Range Section | 90 | | red sand | |
| Distance from cities, roads, railroads, fences, etc. | 95 | | clay 🔨 | |
| | 120 | | fine sand | / |
| | 130 | | clay | |
| | | | olue/sand | |
| (3) TYPE OF WO | | | plue clay | |
| New Well De | | | tray ckay | _ |
| Reconstruction | □232 | 245 | sarki | |
| Reconditioning | □ 245 | | cláy 🕢 | |
| Horizontal Well | | | \sim | |
| Destruction [(I | | <u> </u> | V (2) (2) | |
| destruction materia cedures in Item 12 | s and pro- | 47 | | |
| | | \sim | (U) | 3)]^ |
| (4) PROPOSEI | USIA | ◇ - (╭> , | | |
| Domestic president | | - NO | $\frac{1}{\sqrt{2}}$ | |
| Irrigation | | A | ~ W7 /2 | |
| . Industrial | | 2-12 | 4 | |
| Test Well | ()) a | (0) | - > | |
| Municipal | | √ √(, | <u> </u> | |
| Other | |) <u> </u> |))` | |
| WELL LOCATION SKETCH (Peseribe) | | -(0) | - | |
| | (0) | y - \S)_ - | | |
| (5) EQUIPMENT: (6) GRAVEL FACK: | oof ing | \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | | |
| | Con Mid (4) | // / / / / / / / / / / / / / / / / / / | | |
| Cable Air Dameter of bore | |) - | CONFI | . |
| Other Bucket Rocked from 10 10 | 45 | <u> </u> | -VIVE | NEN |
| (7) CASING INSTALLED: (8) PERPORATIONS: | (U) | | - 41 | |
| Steel Plastic D Concrete Type of perforation or size of set | (0) | - | | |
| | | | | |
| From To Dia Gage or To To It. Wall | Slot | | | |
| | ∨size | | | |
| 0 245 6 160 225 245 | | _ | | |
| PSI | | | | |
| | | | | |
| (9) WELL SEAL: | | | | |
| Was surface sanitary seal provided? Yes ₺ No ☐ If yes, to depth 6 | ft. | | | |
| Were strata sealed against pollution? Yes No Interval | ft. | _ | | |
| Method of sealing Bentonite | ——— Work star | ted | 19 Comp | bleted 5-24 1988 |
| (10) WATER LEVELS: | WELL | DRILLER'S | STATEMENT: | |
| Depth of first water, if known | ft. | was dulled and | on mu tuniodistion an | ad this comput is true to the |
| Standing level after well completion | | was annea unae y knowledge and l | | nd this report is true to the |
| (11) WELL TESTS: | Signed _ | · . • 1 | hid | .Bkkpr. |
| Was well test made? Yes No If yes, by whom? | | | (Well Driller | |
| Type of test Pump Bailer Air lif | 1411111 | | | Co. Inc. |
| Depth to water at start of test ft. At end of test | ft. Address _ | 300 S. | on, firm, or corporation) (Kilroy | 1 yped or printed) |
| Discharge gal/min after hours Water temperatur | | Turloc | | ZIP 95380 |
| Chemical analysis made? Yes No If yes, by whom? | City | 221252 | | |
| Was electric log made Yes No If yes, attach copy to this repor | License N | | | f this report <u>6–8–88</u> |
| NUMBER 100 IDEN 10 08 III NOT IN NOTICE OF THE IN NEED IN NOTICE OF THE IN THE | , , ,,, | | | 84 04755 |

86 96355

ORIGINAL

File with DWR Notice of Intent No._

Local Permit No. or Date 87 - 122

STATE OF CALIFORNIA

THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES

Do not fill in

No. 064886

WATER WELL DRILLERS REPORT

State Well No. 5/16

Other Well No.

| $(1) \mathbf{OV}$ | (12) WELL LOG: Total depth 2.22ft. Depth of completed well 2.20ft. |
|--|---|
| Address | from ft. to ft. Formation (Describe by color, character size or meterial) |
| | and the state of the state of material |
| City | 0 - 2 Top soil |
| (2) LOCATION OF WELL (See instructions): | 2 - 10 Sand |
| County Manual Owner's Well Number | 10 - 12 Clay |
| Well address if different from above | 12 - 17 dense |
| TownshipRangeSection_ | 17 - 25 11 |
| Distance from cities, roads, railroads, fences, etc. | 26 -10 |
| Distance from cities, roads, railroads, tences, etc | LIS TO SOUND |
| | 40 - 45 |
| | 45 - 60 Sand |
| | 60 - 90 Class |
| (3) TYPE OF WORK: | 90 A95 Va-11 |
| New Well Deepening | 951 98 |
| 1 | 750 |
| Reconstruction | 98 - XX2 Sand |
| Reconditioning | 130 Class |
| Horizontal Well | Stor - 140 Dans and |
| Destruction | 191 81 45 4 |
| destruction materials and | 100 July Clark Tini |
| procedures in Item 12 | 198 and athere |
| (4) PROPOSED WAR | 198 - Sto Clause and other ke |
| Domestic prw. | 1210 - 200 80 1 |
| Irrigation | 220- 422 876 8 |
| Industrial | |
| | |
| Test Well | |
| Stock | X//) - \(\(\lambda \) |
| Municipu | |
| WELL LOCATION SKETCH Other | <i>y</i> |
| | |
| (5) EQUIPMENT: (6) GRAVED PACK: | |
| Rotary Reverse A No Size | |
| Cable Air Diameter of bore | 9///Ā |
| Other Bucket Bucket Real Room 150 220 ft | |
| (7) CASING INSTALLED: (8) PERFORATIONS: | |
| | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| Steel Plastic Countrie Type of perfection or size of screen | |
| From To Dia Career From To Sie | Ni 11 |
| ft. ft vin. Wall ft. size | - 100 |
| 0 220 8 /60 200 228 | |
| 200 200 | · · · · · · · · · · · · · · · · · · · |
| | - |
| | <u> </u> |
| (9) WELL SEAL: | - |
| Was surface sanitary seal provided? Yes No I If yes, to depth 150 ft. | - |
| Were strata sealed against pollution? Yes ☐ No ☐ Intervalft. | |
| Method of sealing Bentante. | W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | Work started 19 Completed 2 195 |
| (10) WATER LEVELS: | WELL DRILLER'S STATEMENT: |
| Depth of first water, if known ft. | This well was drilled under my jurisdiction and this report is true to the best of my |
| Standing level after well completionft. | knowledge and belief. |
| (11) WELL TESTS: | SIGNED (Man Dellan) |
| Was well test made? Yes No If yes, by whom? Type of test Pump Bailer Air lift | (Well Driller) |
| | NAME (Berner film or committee) (Truedly minted) |
| Depth to water at start of testft. At end of testft | (Person firm, or corporation) (Typed or printed) |
| Discharge gal/min after hours Water temperature | Address City 7in 95380 |
| Chemical analysis made? Yes [] No [] If yes, by whom? | City City Cay! Zip 75300 |
| Was electric log made? Yes [] No [] If yes, attach copy to this report | License No. 32/232 Date of this report 5-11-87 |

DWR 188 (REV. 7-76) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL STATE OF CALIFORNIA STATE WELL NO./STATION NO. File with DWR WELL COMPLETION REPORT Page $\underline{1}$ of $\underline{1}$ Refer to Instruction Pampblet Owner's Well No. . 475261 _, Ended 11/3/95 Date Work Began 11/3/95 LONGITUDE LATITUDE Local Permit Agency Stanislaus Co. Dept. of Env. Resources Permit No. <u>95-193</u> 11/2/95 _ Permit Date . - GEOLOGIC LOG -WELL OWNER -ORIENTATION () X VERTICAL ____ HORIZONTAL ____ ANGLE .___ (SPECIFY) Name Mailin DEPTH TO FIRST WATER _____(Ft.) BELOW SURFACE DEPTH FROM SURFACE DESCRIPTION ਨਾਨ Describe material, grain size, color, etc. to Ft. WELL LOCATION . Top soil Same Address Sand 3 ; 9 Cuy\. 9 ; 13 Clay Stanislaus County _ 13 21 Sand APN Book _____ Page ____ Parcel _ 21 - 26 Clay Township _____ Range _____ Section . Sand w/clay streaks 26 . 51 DEG. MIN. SEC. LOCATION SKETCH NORTH NORTH NORTH NORTH NORTH NORTH NORTH NORTH Latitude _ WEST 51 : 67 Clay - ACTIVITY (∠) 67 77 Sand 77 100 Pink clay & shale w/sand streaks MODIFICATION/REPAIR 100 104 ___ Deepen 104 147 Clay ___ Other (Specify) 147 205 Blue clay 205 208 Fine sand DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG", 215 208 Blue clay XXXX 225 Clay & brown shale 215 PLANNED USE(S) (上) _ MONITORING 225 234 Brown coarse sand 234 240 Clay WATER SUPPLY 240 247 Coarse brown sand _X Domestic 247 : 250 Clav ____ Public 250 259 Coarse brown sand __ Irrigation 269 259 Clav __ Industrial 269 272 Sand "TEST WELL" 280 Clay 272 CATHODIC PROTEC-SOUTH TION _ OTHER (Specify) Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE. LING Mud rotary FLUID Water WATER LEVEL & YIELD OF COMPLETED WELL -DEPTH OF STATIC 34 (Ft.) & DATE MEASURED 11/6/95 ESTIMATED YIELD *_____ ____ (GPM) & TEST TYPE _ TOTAL DEPTH OF BORING 280 TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN ___

| DEPTH FROM SURFACE | BORE- | _ | TYPE (∠) | | | ASING(S) | | | | DEPTH | ANNULAR MATERIAL | | | | |
|-----------------------|--------------------------|---------------|-----------|----------|--------------------|----------------------|------------------|---------------------|-----|--------------|------------------|----------------|--|-------------------|--|
| · . | HOLE DIA. (Inches) | $\overline{}$ | _ | DUCTOR (| MATERIAL/ GRADE | INTERNAL DIAMETER | GAUGE OR WALL | SLOT SIZE IF ANY | - | FROM SURFACE | | BEN- TONITE | | PE FILTER PACK | |
| Ft. to Ft. | ,, | 18 | SC | | | (Inches) | THICKNESS | (Inches) | Ft. | to Ft. | | (∠) | | (TYPE/SIZE) | |
| 245 | 11 | XX | | | PVC | 6 | 160 | | 0 | 24 | | X | | | |
| 245 265 | 11 | H | XX | + | 11 | *1 | H | -062 | 24 | 265 | <u> </u> | | | 6X12 san | |
| 1 | | | \exists | _ | | | | | | ! | | | | · | |
| | | | | | | | | | | | | | | | |
| i | , | | | | | | | | | | | | | | |

| Geologic Log Well Construction Diagram | I, the undersigned, certify that this report is complete and accurate to NAME Calwater Drilling Co., Inc. | to the best of my | y knowle | idge and belie |)f |
|---|---|-------------------|---------------|------------------|----|
| Geophysical Log(a) Soil/Water Chemical Analyses | (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED) 300 S. Kilroy | Turlock, | CA. | 95380 | |
| Other | Signed bulledeen Chandle Bkkpr. | 11/7/9 | STATE 5 43 | ZIP 4218 | |
| ATTACH ADDITIONAL INFORMATION, IF IT EXISTS. | WELL ORILLE / AUTHORIZED REPRESENTATIVE | DATE SIGNED | Č. | 57 LICENSE NUMBI | R |

ORIGINAL File with DWR

STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

Do Not Fill In

Nº 66727

| State Well No | | |
|-----------------|--------|-----|
| Other Well No.> | 55/105 | -20 |

| (1) OW | NER: | | | | | | (11) WELL LOG: | UNCONFINED |
|-----------------|----------------|-------------------------|--------------|--|--------------------------|-----------------|---------------------------------|---|
| Nan | | | | | | | Total depth 90 | ft. Depth of completed well 90 ft. |
| Add | | | | | | | Formation: Describe by color, | character, size of material, and structure |
| | | م د وردودمد ی | | | | | | ft. to |
| (2) LO | CATIO | N OF W | ELL: | / | | | | |
| County | etani | dous | (| Owner's number | , if any | | Dra sail | 0 - 4 |
| Township, R | ange, and Se | ction 4 | 406 | - Sin | uno od | | Sans | 4-10 |
| Distance from | n cities, road | ls, railroads, et | 6-3 200 | die ti | Jest 22 | urland | alst | 10-85 |
| | | | | | 7 | | saha | 85-, 90 |
| New Well | ≱ De | WORK epening | Recon | ditioning 🔲 | Destroying | g [] | Clay | 90.91 |
| | | | | re in Item 11 | | , | | |
| | | USE (| | | (5) EQUI | | | |
| | | lustrial [st Well [| | ipal 🗌 ther 🔲 | Rotary Cable Other | X 1 | | · · · · · · · · · · · · · · · · · · · |
| (6) CA | SING I | NSTALL | ED: | | | | | |
| | EL: | OTHE | | I f | gravel pack | ced | | |
| SINGLE | | BLE [7] | n: | ļ | • | | | |
| ~ | - | . – | م ا | | | 1 | | |
| From | То | | Gage or | Diameter of | From | То | | |
| ft. | ft. | Diam. | Wall | Bore | ft. | ft. | | |
| 0 | 90 | 4-14 | 12 | 10 | 20 | 90 | | |
| | | | | | - | | | TAV 2 |
| | | | | | | | | CET 1313 |
| Size of shoe of | r well ring: | | | Size of grave | :l: | | | 1517 500 |
| Describe join | | | | | | | | W. (0gg) |
| (7) PEI | RFORA | TIONS (| DR SCF | EEN: | | | | Water |
| Type of perfe | | | | | | | | |
| | | | D (| n | | | | |
| From | . | Го | Perf. per | Rows | | ize | | |
| ft. | | ft. | row | ft. | 1 | x in. | | |
| do | 4 | 0 | 10 | 6 | 1/5-X | 7 7 | | |
| | | | 7.0 | | 12. | | | |
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| | + | | | | | | | |
| (n) CO | NETDI | CTION | | <u> </u> | | | | |
| | | CTION: | | . – . | | | | · · · · · · · · · · · · · · · · · · · |
| | | l provided? | | | o what depth | ft. | | |
| | | inst pollution | | No 🗌 | If yes, note o | depth of strata | | · · · · · · · · · · · · · · · · · · · |
| From | ft. | | ft. | | | | | 19 Completed 9/16 19 70 |
| From | £t. | to | ft. | | | | Work started WELL DRILLER'S STA | |
| ` ' | TER L | EVELS: | if known | | 4 ft. | | | under my jurisdiction and this report is true to the best |
| | | as first found, | | | * | | NAME / Clary | Plan & Will Millian |
| | | rforating, if I | | | ft. | | (F | erson, firm or corporation) (Typed or printed) |
| (10) W | | | e teroping | | 11. | | Address 1015 | 1) 99 Thurs |
| Was pump te | | | _ , | f yes, by whom | , | | Desale 4 | 1 195380 |
| Yield: | | al./min. with | <u> </u> | ft. drawdo | | hrs. | [SIGNED] | Men |
| Temperature | | | Vas a chemic | al analysis mad | | lo [] | - CANCE | (Well Driller) |
| | | well? Yes 🗆 | No 🗆 | | attach copy | <u> </u> | License No. 11063 | 7 Dated 10 - 10 , 1970 |
| | | | | ,, | F/ | | | , ./- |

WELL LOCATION SKETCH

NW 1/2 NE 1/2 SW 1/4 SE 1/4 MILE

1/2 MILE 4,0 word 1/2 MILE

| Township | N/S |
|-------------|-----|
| Range | E/W |
| Section No. | |

A. Location of well in sectionized areas. Sketch roads, railroads, streams, or other features as necessary.

| | NORTH | |
|------|-------|------|
| | | |
| WEST | | EAST |
| | | |
| | souтн | |

B. Location of well in areas not sectionized.

Sketch roads, railroads, streams, or other features as necessary.

Indicate distances.



5/10-29RI

55-10-29R/ DRAINAGE WELL NO. J41

CONFIDENTIAL Water Code Sec. 13752

MAP

PROFILE

LOCATION Sec. 29-5-10. In S.E. Cor.

DRILLED BY: T.I.D. 78'deep 255'deep

DATE: April 1939 deepened March 1939

REMARKS: Test 1960 gpm. 27' drawdown

1680 gpm. 24' drawdown

1420 g.p.m. 21 drawdown

Static water 6'

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| Perf. | 20 | | | 1111 | | _ , | |
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LSD Elev-86



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the feet in section while a mobile is the section of the section of the section of

PROF!LE

LOCATION Beginning at the NE Cor. of Sec. 29-5-10_ thence W 810.0 ft, thence 5 20.0 ft.

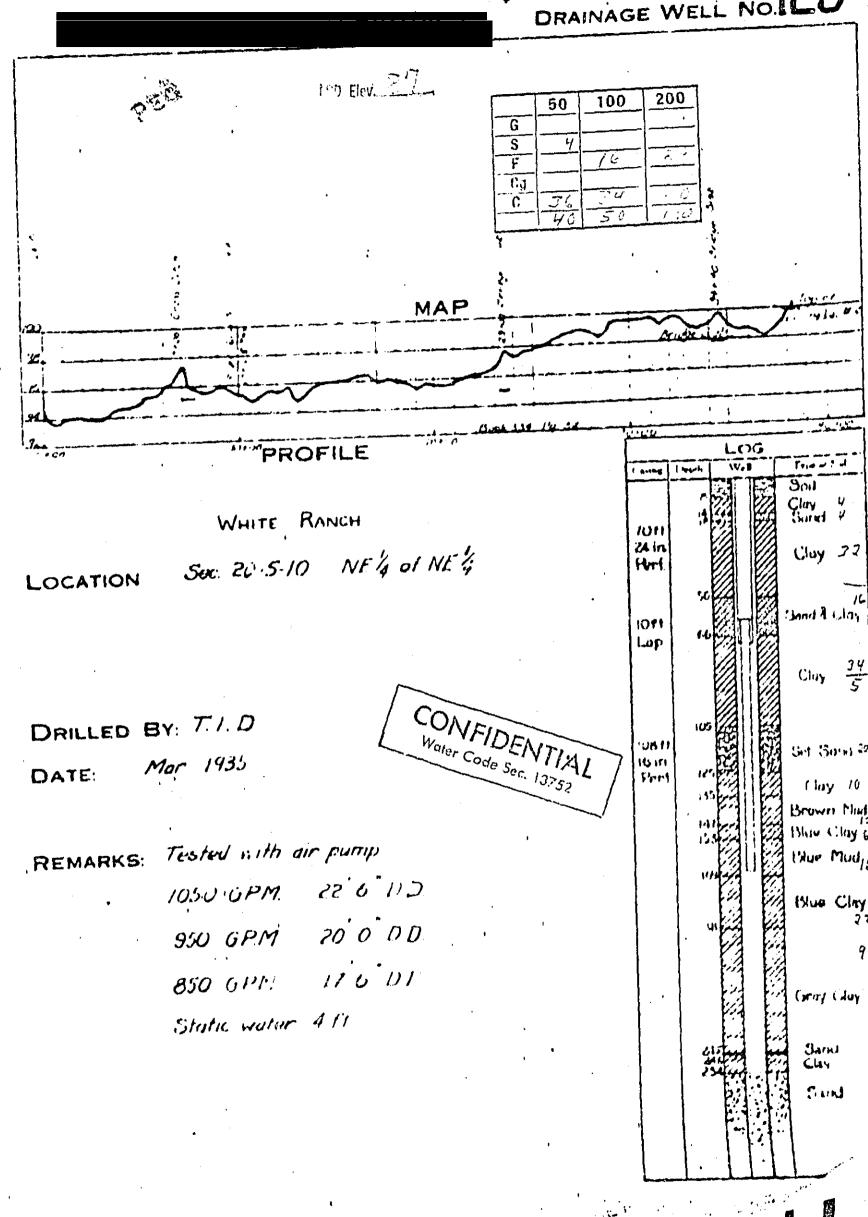
DRILLED BY: Osterberg Bros. 70.ft. of 16"hole.

DATE: Aug. 25, 1922.

REMARKS: 500 g.p.m. 19ft.

No pipe line.

5/10-20A/ 125 DRAINAGE WELL NO.125



ORIGINAL File with DWR

THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

Do Not Fill In

Nº 66728

State Well No. 55/10 = -20

| (1) OW | NED. | | | | | | (11) WETT | IOG | 1) | | (ED |
|------------------|----------------|---------------|--------------|--|------------------|-----------------|-------------------|---------------|----------------------|-------------------------|---------------------------------------|
| ` ′ | MER: | | | | | I | (11) WELL | LOG: | _ | ONFIN | |
| Name | | | | | | | Total depth | 60 | ft. Dep | h of completed well | 60 |
| Address | | | | | | | Formation: Descri | ibe by color, | character, size of t | naterial, and structure | |
| | | | | | | L., | | | ft. to | | <u> </u> |
| (2) LO | | | WELL: | / | | | | | | | |
| County | Hanse | dans | | wner's numb | | | 200 | der | / | 0-5 | |
| Township, Ra | inge, and Sec | tion | 4400 | Lin | <u>, De ouri</u> | Juntar | THANK | Par | <u> </u> | <u>5-, 7</u> | |
| Distance from | n cities, road | s, railroads, | etc. 3 722 | ile to | vert ; 20 | wast) | Clay | | | 7-12 | |
| | | | | | | | Sante | | | 28 | |
| | | WORK | (cbeck |): | | | Clay | | 28 | <u>- 5-2</u> | |
| New Well | | epening [| _ | ditioning [| | rg [] | Sald | - | | _ 5-8 | ···· |
| • | | | and proceds | | | | Clay | | | 8-60 | |
| | | | (check) | | (5) EQU | IPMENT: | | | | | |
| | | | Munic | ipal 🔲 🛚 | Rotary | \Z | | | | | |
| Irrigation | n 📋 Tes | t Well | □ O: | ther 🔲 📗 | Cable | | | | | | |
| | | | | | Other | | | | | | |
| (6) CA | SING I | NSTAI | LED: | | | | | | | | · |
| STE | EL: | ОТН | ER: |] : | If gravel pac | ked | | | | | |
| SINGLE D | P DOUE | BLE [] - | | | | | | | | | |
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| From | То | | Gage | of | From | То | | | | Δ | · |
| ft. | ft. | Diam. | Wall | Bore | ft. | ft. | | | | | |
| 0 | 60 | 6 78 | 12 | 10 | 50 | 60 | | | | 11/2 | |
| | | | | | | | | | /OF | 131 | |
| | | | | | | | | | 13/ | C-58" p# | |
| Size of shoe o | r well ring: | | | Size of gra | vel: 1/4 | | | | V4,00 | | |
| Describe join | | | | | | | | /(| Joier | | · · · · · · · · · · · · · · · · · · · |
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| Type of perfe | | | | | | | | | | | |
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| (8) CO | NETRI | CTION | J. | <u> </u> | ! | · · · · | 1 | | | | |
| | | | | . D | To mhas daugh | ٤. | | | | | |
| Was a surface | | | | <u></u> | To what depth | ft. | | | | | |
| Were any str. | | | | No 🗌 | If yes, note | depth of strata | | | | | · |
| From | ft. | | ft. | | | | No. 1 | | ^ | 01 | 10. 7/ |
| From | ft, | to | ft. | | | | Work started | | 19 Comp | leted 7//7 | 19 70 |
| Method of se | aling | | | | | | WELL DRILL | | _ | liction and this est | port is true to the l |
| • • | TER L | | | | . 4 | | of my knowled | | | eceton and tots it | |
| Depth at wh | ich water w | as first four | nd, if known | | 4 ft. | | 10 | | . روس | | |
| Standing lev | | | | | ft. | | NAME / | Coan ! | Web. | ₹ WI | el Urelle |
| Standing leve | el after perf | orating and | developing | | ft. | | | (P | erson, arm, or gar | poration) (Typed or | proases C |
| (10) W | ELL TI | ESTS: | | | | | Address 10 | 15 | N 99 | Thuy | |
| Was pump te | st made? Y | es 🗆 N | lo 🗌 🔝 I | f yes, by who | om? | | 1 du | Mans | - Ca | 4 - | |
| Yield: | 82 | l./min. wit | th | ft. drawe | down after | hrs. | [SIGNED] | Lane | 4 (1) | dean - | |
| Temperature | of water | | Was a chemi | cal analysis m | nade? Yes 🗌 | No [] | | | Z - (| Vell Driller) | |
| Was electric | log made of a | well? Yes | | | . attach conv | | liaman Na | 11/1/2 :: | 77 D. | .ad 10 - | 10 197 |

WELL LOCATION SKETCH

NW 1/2 NE 1/2 SW 1/2 SE 1/4 SE

| Township | N/s |
|-------------|-----|
| Range | E/W |
| Section No. | |

A. Location of well in sectionized areas. Sketch roads, railroads, streams, or other features as necessary.

| | NORTH | |
|------|-------|------|
| | | |
| WEST | | EAST |
| | | |
| | SOUTH | |

B. Location of well in areas not sectionized.

Sketch roads, railroads, streams, or other features as necessary.
Indicate distances.



Ç